

POWER MAGNETICS

SHIELDED SURFACE MOUNT PRODUCT GUIDE

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CTMPC100805F

Metal Molded Inductors

Description

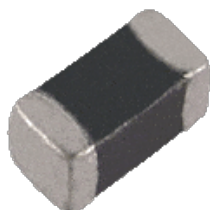
SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, LTE module, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.33 μ H ~ 2.2 μ H	2.0MHz	35 ~ 115	

IDC	Isat	Irms	Size (mm)
	3.3A ~ 6.8A	2.0A ~ 4.0A	2.5L x 2.0W x 1.2H



CTMPH060303F

Metal Molded Inductors

Description

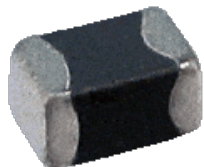
SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, DC/DC converters, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.24 μ H ~ 0.47 μ H	2.0MHz	54 ~ 100	

IDC	Isat	Irms	Size (mm)
	2.2A ~ 3.2A	1.6A ~ 2.6A	1.6L x 0.8W x 0.8H



CTMPH080503F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, DC/DC converters, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.24 μ H ~ 0.47 μ H	2.0MHz	25 ~ 48	

IDC	Isat	Irms	Size (mm)
	3.2A ~ 4.8A	3.0A ~ 4.2A	2.0L x 1.25W x 0.8H



CTMPH080504F

Metal Molded Inductors

Description

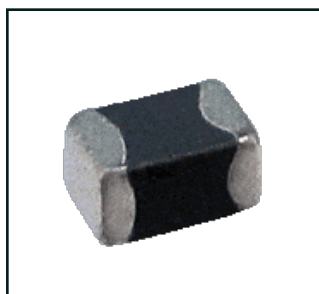
SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, DC/DC converters, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.24 μ H ~ 2.2 μ H	2.0MHz	28 ~ 176	

IDC	Isat	Irms	Size (mm)
	1.6A ~ 4.5A	1.4A ~ 3.7A	2.0L x 1.25W x 1.0H



CTMPH080603F

Metal Molded Inductors

Description

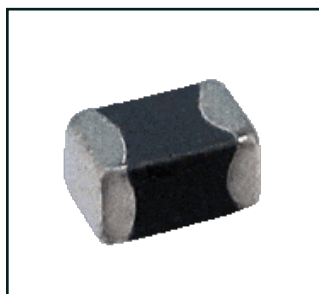
SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, DC/DC converters, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 1.5 μ H	2.0MHz	87 ~ 115	

IDC	Isat	Irms	Size (mm)
	2.0A ~ 2.5A	2.1A ~ 2.3A	2.0L x 1.6W x 0.8H



CTMPH080604F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, DC/DC converters, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.24 μ H ~ 2.2 μ H	2.0MHz	27 ~ 135	

IDC	Isat	Irms	Size (mm)
	2.4A ~ 5.6A	1.8A ~ 3.9A	2.0L x 1.6W x 1.0H



CTMPH100804F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, DC/DC converters, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.24 μ H ~ 2.2 μ H	2.0MHz	18 ~ 97	

IDC	Isat	Irms	Size (mm)
	2.5A ~ 8.0A	2.2A ~ 5.5A	2.5L x 2.0W x 1.0H



CTMPH100805F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, DC/DC converters, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.24 μ H ~ 4.7 μ H	2.0MHz	15 ~ 215	

IDC	Isat	Irms	Size (mm)
	1.9A ~ 9.0A	1.5A ~ 6.2A	2.5L x 2.0W x 1.2H



CTMPH121004F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, DC/DC converters, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.24 μ H ~ 2.2 μ H	2.0MHz	16 ~ 85	

IDC	Isat	Irms	Size (mm)
	3.0A ~ 9.0A	2.5A ~ 6.0A	3.2L x 2.5W x 1.0H



CTMPH121005F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, DC/DC converters, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 2.2 μ H	2.0MHz	25 ~ 73	

IDC	Isat	Irms	Size (mm)
	3.5A ~ 7.0A	2.7A ~ 4.6A	3.2L x 2.5W x 1.2H



CTMPH121010F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smartphone, tablet PC, hard disk for Ultrabook, DC/DC converters, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 4.7 μ H	2.0MHz	34 ~ 100	

IDC	Isat	Irms	Size (mm)
	3.3A ~ 6.0A	2.2A ~ 3.5A	3.2L x 2.5W x 2.5H



CTMPE080503F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smartphones, tablets, wearable devices, PC peripheral devices, camcorders, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H	2.0MHz	35	

IDC	Isat	Irms	Size (mm)
	3.9A	3.5A	2.0L x 1.25W x 0.8H



CTMPE080603F

Metal Molded Inductors

Description

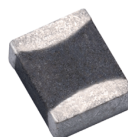
SMD shielded molded power inductors

Application Use

Smartphones, tablets, wearable devices, PC peripheral devices, camcorders, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 1.0 μ H	2.0MHz	24 ~ 48	

IDC	Isat	Irms	Size (mm)
	3.8A ~ 4.7A	3.7A ~ 4.0A	2.0L x 1.6W x 0.8H



CTMPE100804F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smartphones, tablets, wearable devices, PC peripheral devices, camcorders, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H	2.0MHz	30	

IDC	Isat	Irms	Size (mm)
	4.7A	4.2A	2.5L x 2.0W x 1.0H



CTXAL4020F

Metal Molded Inductors

Description

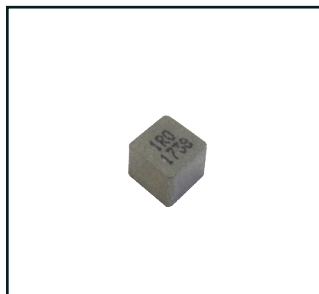
SMD shielded molded power inductors

Application Use

Ideal for VRM/VRD applications.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.10 μ H ~ 2.2 μ H	100kHz	2.42 ~ 38.7	

IDC	Isat	Irms	Size (mm)
	6.0A ~ 33A	5.6A ~ 18A	4.1L x 4.1W x 1.9H



CTXAL5030F

Metal Molded Inductors

Description

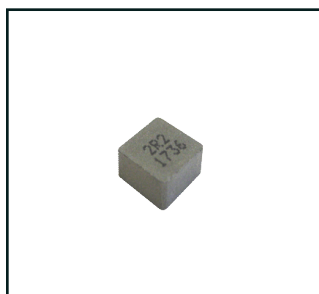
SMD shielded molded power inductors

Application Use

Ideal for VRM/VRD applications.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.15 μ H ~ 4.7 μ H	100kHz	2.31 ~ 36.3	

IDC	Isat	Irms	Size (mm)
	7.0A ~ 32.5A	5.9A ~ 22.2A	5.3L x 5.5W x 2.9H



CTXAL6030F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Ideal for VRM/VRD applications.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.18 μ H ~ 4.5 μ H	100kHz	1.75 ~ 25.3	

IDC	Isat	Irms	Size (mm)
	8.0A ~ 36A	7.0A ~ 32A	6.4L x 6.6W x 2.8H ~ 2.9H



CTIHLP1304AF

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	30 ~ 550	

IDC	Isat	Irms	Size (mm)
	1.4A ~ 7.2A	1.0A ~ 5.0A	3.2L x 3.5W x 1.0H



CTIHLP1604AF

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.10 μ H ~ 10 μ H	100kHz	5.5 ~ 463	

IDC	Isat	Irms	Size (mm)
	1.4A ~ 25A	1.3A ~ 11.5A	4.06L x 4.45W x 1.0H



CTIHLP1805F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.22 μ H ~ 4.7 μ H	100kHz	12 ~ 195	

IDC	Isat	Irms	Size (mm)
	2.8A ~ 11.5A	1.8A ~ 8.5A	4.1L x 4.6W x 1.2H



CTIHLP1806F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 4.7 μ H	100kHz	42 ~ 146	

IDC	Isat	Irms	Size (mm)
	4.0A ~ 7.0A	2.0A ~ 4.0A	4.1L x 4.6W x 1.5H

**CTIHLP1808F**

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.10 μ H ~ 10 μ H	100kHz	4.0 ~ 258	

IDC	Isat	Irms	Size (mm)
	2.0A ~ 25A	1.6A ~ 12A	4.1L x 4.6W x 2.0H

**CTIHLP1808AF**

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.10 μ H ~ 22 μ H	100kHz	4.0 ~ 500	

IDC	Isat	Irms	Size (mm)
	1.4A ~ 35A	1.2A ~ 13.5A	4.06L x 4.45W x 1.8H

**CTIHLP2205AF**

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 3.3 μ H	100kHz	46.5 ~ 103	

IDC	Isat	Irms	Size (mm)
	5.0A ~ 10.2A	2.8A ~ 4.4A	5.18L x 5.49W x 1.2H

**CTIHLP2205F**

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 6.8 μ H	100kHz	76 ~ 250	

IDC	Isat	Irms	Size (mm)
	2.3A ~ 4.0A	2.0A ~ 3.5A	5.4L x 5.7W x 1.2H

**CTIHLP2206F**

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.68 μ H ~ 10 μ H	100kHz	23 ~ 195	

IDC	Isat	Irms	Size (mm)
	2.0A ~ 10A	1.5A ~ 6.0A	5.4L x 5.7W x 1.5H

**CTIHLP2207F**

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	9.0 ~ 155	

IDC	Isat	Irms	Size (mm)
	3.0A ~ 15.5A	2.5A ~ 10.5A	5.4L x 5.7W x 1.8H



CTIHLP2208F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 10 μ H	100kHz	30 ~ 180	

IDC	Isat	Irms	Size (mm)
	4.0A ~ 7.0A	2.3A ~ 6.0A	5.4L x 5.7W x 1.8H



CTIHLP2212F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.20 μ H ~ 10 μ H	100kHz	3.9 ~ 126	

IDC	Isat	Irms	Size (mm)
	4.5A ~ 14.5A	2.5A ~ 17A	5.4L x 5.7W x 3.0H



CTIHLP2012BF

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.33 μ H ~ 10 μ H	100kHz	6.3 ~ 180	

IDC	Isat	Irms	Size (mm)
	3.4A ~ 21.3A	2.3A ~ 12A	5.2L x 5.7W x 1.8H



CTIHLP2012CF

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.33 μ H ~ 10 μ H	100kHz	5.0 ~ 128	

IDC	Isat	Irms	Size (mm)
	3.5A ~ 18A	2.75A ~ 14A	5.2L x 5.5W x 2.8H



CTIHLP2905F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 6.8 μ H	100kHz	25 ~ 140	

IDC	Isat	Irms	Size (mm)
	4.0A ~ 9.0A	2.5A ~ 5.5A	6.6L x 7.3W x 1.3H



CTIHLP2906F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 6.8 μ H	100kHz	17 ~ 110	

IDC	Isat	Irms	Size (mm)
	3.5A ~ 10A	2.8A ~ 7.0A	6.6L x 7.3W x 1.6H



CTIHLP2909F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.22 μ H ~ 15 μ H	100kHz	3.2 ~ 160	

IDC	Isat	Irms	Size (mm)
	3.3A ~ 34A	2.5A ~ 21A	6.6L x 7.3W x 2.4H



CTIHLP2912F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.1 μ H ~ 10 μ H	100kHz	1.7 ~ 68	

IDC	Isat	Irms	Size (mm)
	5.5A ~ 60A	4.0A ~ 32.5A	6.6L x 7.3W x 3.0H



CTIHLP2707F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.33 μ H ~ 4.7 μ H	200kHz	7.0 ~ 78	

IDC	Isat	Irms	Size (mm)
	5.5A ~ 18A	3.0A ~ 12A	6.8L x 7.3W x 1.8H



CTIHLP2709F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	200kHz	6.5 ~ 129	
IDC	Isat	Irms	Size (mm)
	5.0A ~ 21A	2.5A ~ 13.5A	6.8L x 7.3W x 2.4H



CTIHLP2712F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.22 μ H ~ 22 μ H	200kHz	3.1 ~ 230	
IDC	Isat	Irms	Size (mm)
	3.0A ~ 34A	2.0A ~ 22A	6.8L x 7.3W x 3.0H



CTIHLP73VCZF

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

High density DC/DC converters, POL converters, high current VRM/VRD for notebooks, servers, desktop CPU's, high speed chargers.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.10 μ H ~ 33 μ H	100kHz	1.5 ~ 270	
IDC	Isat	Irms	Size (mm)
	3.0A ~ 45A	2.0A ~ 37A	6.6L x 7.3W x 3.0H



CTIHLP2818AF

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 22 μ H	100kHz	3.9 ~ 170	

IDC	Isat	Irms	Size (mm)
	5.5A ~ 30A	2.5A ~ 22A	6.6L x 7.3W x 4.8H



CTIHLP4016F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.56 μ H ~ 100 μ H	200kHz	2.5 ~ 385	

IDC	Isat	Irms	Size (mm)
	3.0A ~ 40A	3.0A ~ 22A	10.2L x 11.5W x 4.0H



CTIHLP104F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

High density DC/DC converters, POL converters, high current VRM/VRD for notebooks, servers, desktop CPU's, high speed chargers.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.36 μ H ~ 1.5 μ H	100kHz	1.2 ~ 4.2	

IDC	Isat	Irms	Size (mm)
	22A ~ 42A	16A ~ 34A	10.1L x 11.6W x 4.0H



CTIHLP104SF

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

High density DC/DC converters, POL converters, high current VRM/VRD for notebooks, servers, desktop CPU's, high speed chargers.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 4.7 μ H	100kHz	7.0 ~ 16	

IDC	Isat	Irms	Size (mm)
	12A ~ 16A	10A ~ 14A	10.0L x 11.6W x 4.0H



CTIHLP125F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

High density DC/DC converters, POL converters, high current VRM/VRD for notebooks, servers, desktop CPU's, high speed chargers.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.36 μ H ~ 2.2 μ H	100kHz	0.90 ~ 5.2	

IDC	Isat	Irms	Size (mm)
	22A ~ 50A	20A ~ 43A	10.0L x 11.6W x 4.0H



CTIHLP5015F

Metal Molded Inductors

Description

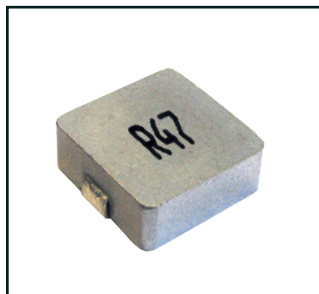
SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	200kHz	2.0 ~ 34	

IDC	Isat	Irms	Size (mm)
	12A ~ 55A	7.0A ~ 32A	Size (mm) (R47M ~ 1R0M):12.9L x 14.0W x 3.8H Size (mm) (3R3M ~ 100M):12.9L x 13.8W x 3.8H



CTIHLP5020F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	1.2 ~ 35	

IDC	Isat	Irms	Size (mm)
	13A ~ 46A	7.0A ~ 37A	12.6L x 13.8W x 5.0H



CTIHLP5024F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 33 μ H	100kHz	20.7 ~ 75	

IDC	Isat	Irms	Size (mm)
	6.0A ~ 12.5A	4.0A ~ 10A	12.6L x 13.8W x 6.0H



CTIHLP5026F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

PDA, Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 22 μ H	200kHz	4.2 ~ 45	

IDC	Isat	Irms	Size (mm)
	8.0A ~ 33A	5.0A ~ 20A	12.9L x 13.8W x 6.7H



CTIHLP6826AF

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Notebook, desktop, server applications, low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA).

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 100 μ H	100kHz	2.7 ~ 118	
IDC	Isat	Irms	Size (mm)
	12A ~ 62A	5.3A ~ 43.5A	16.9L x 17.3W x 6.7H



CTIHLP8751F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

DC/DC converters, high current POL converters, servers and solar inverters, industrial lighting and industrial power supplies

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 100 μ H	100kHz	0.67 ~ 39.4	
IDC	Isat	Irms	Size (mm)
	7.0A ~ 100A	9.1A ~ 80A	22.0L x 22.5W x 13H



CTSPMA3010F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 4.7 μ H	100kHz	26.5 ~ 215	
IDC	Isat	Irms	Size (mm)
	1.8A ~ 6.2A	1.5A ~ 5.0A	3.4L x 3.4W x 1.0H



CTSPMA3012F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 4.7 μ H	100kHz	17.8 ~ 210	

IDC	Isat	Irms	Size (mm)
	2.1A ~ 7.2A	1.6A ~ 5.9A	3.4L x 3.4W x 1.2H



CTSPMA3015F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 4.7 μ H	100kHz	12.3 ~ 152	

IDC	Isat	Irms	Size (mm)
	2.3A ~ 7.2A	2.0A ~ 8.0A	3.4L x 3.4W x 1.5H



CTSPMA3020F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 4.7 μ H	100kHz	14.6 ~ 156	

IDC	Isat	Irms	Size (mm)
	2.6A ~ 10.8A	1.9A ~ 6.6A	3.4L x 3.4W x 2.0H



CTSPMA4010F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	35.3 ~ 350	

IDC	Isat	Irms	Size (mm)
	1.4A ~ 8.2A	1.1A ~ 4.6A	4.4L x 4.4W x 1.0H



CTSPMA4012F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	15.3 ~ 250	

IDC	Isat	Irms	Size (mm)
	1.6A ~ 12A	1.5A ~ 6.8A	4.4L x 4.4W x 1.2H



CTSPMA4015F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	11.3 ~ 230	

IDC	Isat	Irms	Size (mm)
	1.8A ~ 12A	1.6A ~ 8.3A	4.4L x 4.4W x 1.5H



CTSPMA4020F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	8.9 ~ 235	

IDC	Isat	Irms	Size (mm)
	2.4A ~ 16A	1.5A ~ 9.4A	4.4L x 4.4W x 2.0H



CTSPMA5010F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	38 ~ 335	

IDC	Isat	Irms	Size (mm)
	1.8A ~ 9.4A	1.3A ~ 4.5A	5.4L x 5.4W x 1.0H



CTSPMA5012F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	14.9 ~ 200	

IDC	Isat	Irms	Size (mm)
	2.1A ~ 12.6A	1.8A ~ 7.2A	5.4L x 5.4W x 1.2H



CTSPMA5015F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	11.2 ~ 164	

IDC	Isat	Irms	Size (mm)
	2.7A ~ 12.5A	2.1A ~ 8.5A	5.4L x 5.4W x 1.5H



CTSPMA5020F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	7.2 ~ 152	

IDC	Isat	Irms	Size (mm)
	3.6A ~ 18A	2.1A ~ 11.2A	5.4L x 5.4W x 2.0H



CTSPMA6010F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	41.2 ~ 240	

IDC	Isat	Irms	Size (mm)
	2.2A ~ 9.4A	1.7A ~ 4.2A	7.1L x 7.1W x 1.0H



CTSPMA6012F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	17.1 ~ 157	

IDC	Isat	Irms	Size (mm)
	2.7A ~ 13.8A	2.4A ~ 7.0A	7.1L x 7.1W x 1.2H



CTSPMA6015F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	8.8 ~ 120	

IDC	Isat	Irms	Size (mm)
	3.3A ~ 18A	2.7A ~ 11.2A	7.1L x 7.1W x 1.5H



CTSPMA6020F

Metal Molded Inductors

Description

SMD shielded molded power inductors

Application Use

Smart phones, notebook PC's, tablets, HDD's, servers, VRM's, compact power supply modules

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 10 μ H	100kHz	5.5 ~ 96	

IDC	Isat	Irms	Size (mm)
	4.4A ~ 21A	3.2A ~ 13.9A	7.1L x 7.1W x 2.0H

**CTMLP080504AF**

Multilayer Inductors

Description

SMD multilayer power chip inductor, magnetically shielded

Application Use

Cellular phones, power modules, DC/DC converters, digital cameras, DVD, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 4.7 μ H	1MHz	0.18 ~ 0.35	600mA ~ 1100A

IDC	Isat	Irms	Size (mm)
			2.0L x 1.25W x 1.0H

**CTMLP080504BF**

Multilayer Inductors

Description

SMD multilayer power chip inductor, magnetically shielded

Application Use

Cellular phones, power modules, DC/DC converters, digital cameras, DVD, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 4.7 μ H	3MHz	0.09 ~ 0.26	

IDC	Isat	Irms	Size (mm)
	200mA ~ 1100mA	700mA ~ 1300mA	2.0L x 1.25W x 1.0H

**CTMLP080504CF**

Multilayer Inductors

Description

SMD multilayer power chip inductor, magnetically shielded

Application Use

Cellular phones, power modules, DC/DC converters, digital cameras, DVD, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.24 μ H ~ 2.2 μ H	3MHz	0.03 ~ 0.125	

IDC	Isat	Irms	Size (mm)
	500mA ~ 2700mA	1600mA ~ 2400mA	2.0L x 1.25W x 1.0H



CTMLP080604BF

Multilayer Inductors

Description

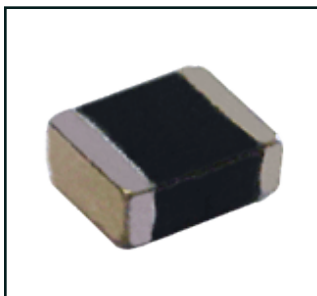
SMD multilayer power chip inductor, magnetically shielded

Application Use

Cellular phones, power modules, DC/DC converters, digital cameras, DVD, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.24 μ H ~ 2.2 μ H	3MHz	0.023 ~ 0.21	

IDC	Isat	Irms	Size (mm)
	1000mA ~ 3600mA	1500mA ~ 3500mA	2.0L x 1.6W x 1.0H



CTMLP100804AF

Multilayer Inductors

Description

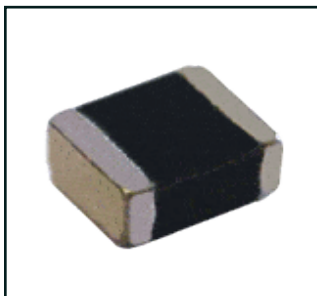
SMD multilayer power chip inductor, magnetically shielded

Application Use

Cellular phones, power modules, DC/DC converters, digital cameras, DVD, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.56 μ H ~ 4.7 μ H	1MHz	0.05 ~ 0.25	900mA ~ 1300mA

IDC	Isat	Irms	Size (mm)
			2.5L x 2.0W x 1.0H



CTMLP100804BF

Multilayer Inductors

Description

SMD multilayer power chip inductor, magnetically shielded

Application Use

Cellular phones, power modules, DC/DC converters, digital cameras, DVD, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 4.7 μ H	3MHz	0.04 ~ 0.11	

IDC	Isat	Irms	Size (mm)
	300mA ~ 1500mA	1100mA ~ 1800mA	2.5L x 2.0W x 1.0H



CTMLP100804BF

Multilayer Inductors

Description

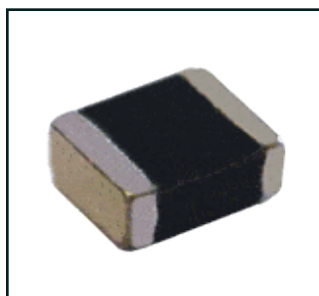
SMD multilayer power chip inductor, magnetically shielded

Application Use

Cellular phones, power modules, DC/DC converters, digital cameras, DVD, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 4.7 μ H	3MHz	0.04 ~ 0.11	

IDC	Isat	Irms	Size (mm)
	300mA ~ 1500mA	1100mA ~ 1800mA	2.5L x 2.0W x 1.0H



CTMLP100804BF

Multilayer Inductors

Description

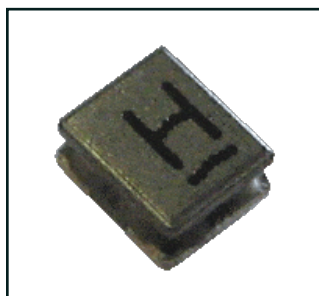
SMD multilayer power chip inductor, magnetically shielded

Application Use

Cellular phones, power modules, DC/DC converters, digital cameras, DVD, portable devices.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 4.7 μ H	3MHz	0.04 ~ 0.11	

IDC	Isat	Irms	Size (mm)
	300mA ~ 1500mA	1100mA ~ 1800mA	2.5L x 2.0W x 1.0H



CTLV2510SF

Wire-wound Inductors

Description

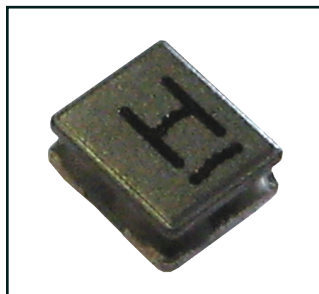
SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 22 μ H	1MHz	0.045 ~ 1.2	

IDC	Isat	Irms	Size (mm)
	0.36A ~ 2.52A	0.39A ~ 2.07A	2.5L x 2.0W x 1.02H



CTLV2512SF

Wire-wound Inductors

Description

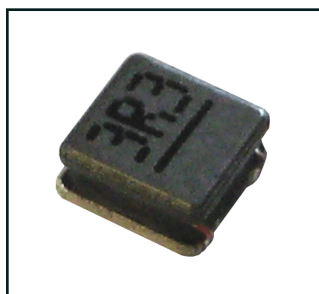
SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.50 μ H ~ 22 μ H	1MHz	0.028 ~ 0.81	

IDC	Isat	Irms	Size (mm)
	0.49A ~ 3.15A	0.47A ~ 2.7A	2.5L x 2.0W x 1.2H



CTLV3010ASF

Wire-wound Inductors

Description

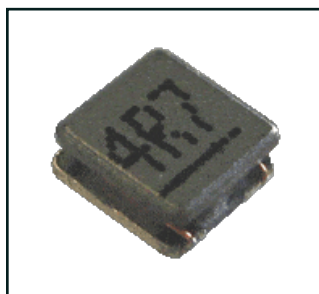
SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 3.3 μ H	1MHz	0.063 ~ 0.165	

IDC	Isat	Irms	Size (mm)
	1.08A ~ 2.16A	0.99A ~ 2.07A	3.0L x 3.0W x 1.02H



CTLV3010SF

Wire-wound Inductors

Description

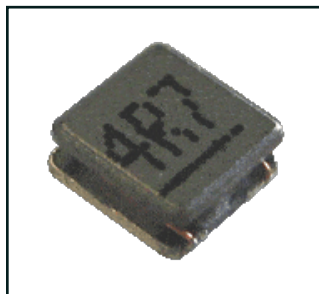
SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 47 μ H	1MHz	0.085 ~ 1.75	

IDC	Isat	Irms	Size (mm)
	0.26A ~ 1.62A	0.25A ~ 1.53A	3.0L x 3.0W x 1.02H



CTLV3012SF

Wire-wound Inductors

Description

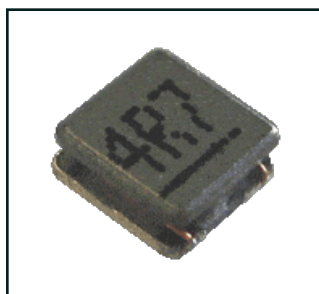
SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 22 μ H	1MHz	0.092 ~ 0.86	

IDC	Isat	Irms	Size (mm)
	0.57A ~ 1.89A	0.55A ~ 1.8A	3.0L x 3.0W x 1.2H



CTLV3015SF

Wire-wound Inductors

Description

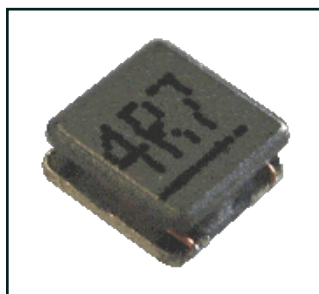
SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 100 μ H	1MHz	0.036 ~ 2.7	

IDC	Isat	Irms	Size (mm)
	0.32A ~ 4.23A	0.27A ~ 3.6A	3.0L x 3.0W x 1.5H



CTLV4012ASF

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.5 μ H ~ 22 μ H	1MHz	0.03 ~ 0.39	

IDC	Isat	Irms	Size (mm)
	0.55A ~ 3.51A	0.72A ~ 3.15A	4.0L x 4.0W x 1.2H



CTLV4012SF

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
3.3 μ H ~ 10 μ H	1MHz	0.072 ~ 0.19	

IDC	Isat	Irms	Size (mm)
	0.81A ~ 1.36A	1.08A ~ 1.89A	4.0L x 4.0W x 1.2H



CTLV4015SF

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 22 μ H	1MHz	0.041 ~ 0.4	

IDC	Isat	Irms	Size (mm)
	0.64A ~ 2.7A	0.76A ~ 2.88A	4.0L x 4.0W x 1.5H



CTLV4018SF

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.56 μ H ~ 22 μ H	100kHz	0.022 ~ 0.335	

IDC	Isat	Irms	Size (mm)
	0.81A ~ 5.1A	0.79A ~ 3.6A	4.0L x 4.0W x 1.9H



CTLV4026SF

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 330 μ H	100kHz	0.03 ~ 4.6	

IDC	Isat	Irms	Size (mm)
	0.27A ~ 4.5A	0.22A ~ 3.6A	4.0L x 4.0W x 2.6H



CTLV5020SF

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 22 μ H	100kHz	0.018 ~ 0.265	

IDC	Isat	Irms	Size (mm)
	1.08A ~ 5.4A	0.90A ~ 3.69A	5.0L x 5.0W x 2.0H



CTLV5040SF

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 22 μ H	100kHz	0.012 ~ 0.16	

IDC	Isat	Irms	Size (mm)
	1.80A ~ 7.92A	1.44A ~ 5.31A	5.0L x 5.0W x 4.0H



CTLV6020SF

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
4.7 μ H ~ 22 μ H	100kHz	0.058 ~ 0.26	

IDC	Isat	Irms	Size (mm)
	1.17A ~ 2.70A	0.99A ~ 2.07A	6.0L x 6.0W x 2.0H



CTLV6028SF

Wire-wound Inductors

Description

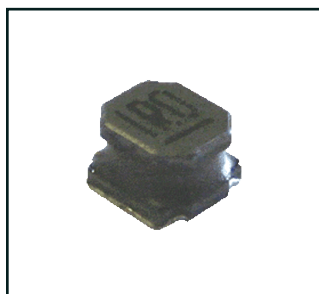
SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 6.8 μ H	100kHz	0.012 ~ 0.048	

IDC	Isat	Irms	Size (mm)
	2.88A ~ 7.11A	2.70A ~ 5.67A	6.0L x 6.0W x 2.8H



CTLV8040SF

Wire-wound Inductors

Description

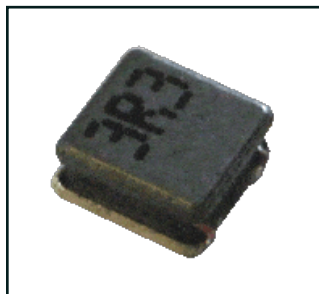
SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
4.7 μ H ~ 22 μ H	100kHz	0.02 ~ 0.082	

IDC	Isat	Irms	Size (mm)
	3.06A ~ 6.12A	2.43A ~ 4.95A	8.0L x 8.0W x 4.0H



CTLVC4012F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 47 μ H	100kHz	48 ~ 930	

IDC	Isat	Irms	Size (mm)
	0.31A ~ 2.25A	0.45A ~ 1.53A	4.0L x 4.0W x 1.2H



CTLVC4018F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 220 μ H	100kHz	32 ~ 4000	

IDC	Isat	Irms	Size (mm)
	0.25A ~ 3.69A	0.20A ~ 2.52A	4.0L x 4.0W x 1.8H



CTLVC4026F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.2 μ H ~ 22 μ H	100kHz	30 ~ 230	

IDC	Isat	Irms	Size (mm)
	0.77A ~ 3.15A	0.90A ~ 2.97A	4.0L x 4.0W x 2.6H



CTLVC5020F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 47 μ H	100kHz	21 ~ 580	

IDC	Isat	Irms	Size (mm)
	0.58A ~ 4.59A	0.58A ~ 3.6A	5.0L x 5.0W x 2.0H



CTLVC5040F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 100 μ H	100kHz	14 ~ 800	

IDC	Isat	Irms	Size (mm)
	0.60A ~ 6.75A	0.50A ~ 4.14A	5.0L x 5.0W x 4.0H



CTLVC6020F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.5 μ H ~ 22 μ H	100kHz	13 ~ 260	

IDC	Isat	Irms	Size (mm)
	0.99A ~ 7.2A	0.99A ~ 4.77A	6.0L x 6.0W x 2.0H



CTLVC6028F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 100 μ H	100kHz	13 ~ 600	

IDC	Isat	Irms	Size (mm)
	0.73A ~ 6.84A	0.72A ~ 4.68A	6.0L x 6.0W x 2.8H



CTLVC6045F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 1000 μ H	100kHz	12 ~ 6000	

IDC	Isat	Irms	Size (mm)
	0.36A ~ 10.98A	0.19A ~ 5.85A	6.0L x 6.0W x 4.5H



CTLVC8040F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, DSC, tablet PC's, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.9 μ H ~ 820 μ H	100kHz	7 ~ 2800	

IDC	Isat	Irms	Size (mm)
	0.36A ~ 12.42A	0.34A ~ 7.24A	8.0L x 8.0W x 4.0H



CTLVH2010F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, tablets, wearable devices, DSC, camcorders, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
4.7 μ H ~ 22 μ H	1.0MHz	370 ~ 1560	

IDC	Isat	Irms	Size (mm)
	0.49A ~ 1.0A	0.40A ~ 0.86A	2.0L x 1.6W x 1.0H



CTLVH2012F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, tablets, wearable devices, DSC, camcorders, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
4.7 μ H ~ 22 μ H	1.0MHz	324 ~ 1500	

IDC	Isat	Irms	Size (mm)
	0.57A ~ 1.2A	0.41A ~ 1.0A	2.0L x 1.6W x 1.2H



CTLVH2510F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, tablets, wearable devices, DSC, camcorders, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
4.7 μ H ~ 22 μ H	1.0MHz	264 ~ 1260	

IDC	Isat	Irms	Size (mm)
	0.56A ~ 1.3A	0.45A ~ 1.1A	2.5L x 2.0W x 1.0H



CTLVH2512F

Wire-wound Inductors

Description

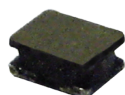
SMD power inductors sealed with magnetic resin

Application Use

Smart phones, tablets, wearable devices, DSC, camcorders, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
3.3 μ H ~ 22 μ H	1.0MHz	186 ~ 1090	

IDC	Isat	Irms	Size (mm)
	0.74A ~ 1.8A	0.54A ~ 1.45A	2.5L x 2.0W x 1.2H



CTLVH3012F

Wire-wound Inductors

Description

SMD power inductors sealed with magnetic resin

Application Use

Smart phones, tablets, wearable devices, DSC, camcorders, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 22 μ H	1.0MHz	64 ~ 954	

IDC	Isat	Irms	Size (mm)
	1.0A ~ 4.8A	0.63A ~ 2.7A	3.0L x 2.7W x 1.2H



CTSD10F

Wire-wound Inductors

Description

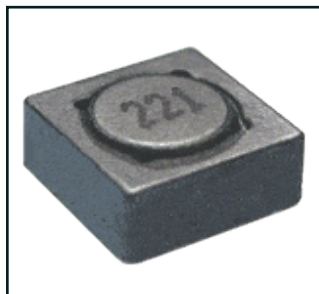
SMD shielded power inductors

Application Use

Digital cameras, CD players, cellular phones, PDA's, PCMCIA cards, GPS systems.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.68 μ H ~ 470 μ H	100kHz	0.0394W ~ 15.125W	0.110A ~ 3.03A

IDC	Isat	Irms	Size (mm)
			5.2L x 5.2W x 1.0H



CTSD25F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Digital cameras, CD players, cellular phones, PDA's, PCMCIA cards, GPS systems.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.47 μ H ~ 1000 μ H	100kHz	0.0221W ~ 7.125W	0.216A ~ 3.88A
IDC	Isat	Irms	Size (mm)
			5.5L x 5.5W x 2.8H



CTSPI2D10F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Cellular phones, PDA's, DVC, DSC, digital cameras, hard disk drives

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.33 μ H ~ 47 μ H	1.0kHz	0.030W ~ 2.43W	180mA ~ 1800mA
IDC	Isat	Irms	Size (mm)
		240mA ~ 2800mA	3.2L x 3.2W x 1.05H



CTSPI2D15F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Cellular phones, PDA's, DVC, DSC, digital cameras, hard disk drives

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 330 μ H	1.0kHz	0.038W ~ 10.3W	70mA ~ 1040mA
IDC	Isat	Irms	Size (mm)
		150mA ~ 1800mA	3.2L x 3.2W x 1.60H



CTSPI2D18F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Cellular phones, PDA's, DVC, DSC, digital cameras, hard disk drives

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 470 μ H	1.0kHz	0.038W ~ 12.2W	50mA ~ 960mA

IDC	Isat	Irms	Size (mm)
		120mA ~ 1800mA	3.2L x 3.2W x 1.80H



CTSPI3D12F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Cellular phones, PDA's, DVC, DSC, digital cameras, hard disk drives

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.68 μ H ~ 68 μ H	1.0kHz	0.040W ~ 2.90W	300mA ~ 2700mA

IDC	Isat	Irms	Size (mm)
		350mA ~ 3000mA	4.2L x 4.2W x 1.25H



CTSPI3D15F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Cellular phones, PDA's, DVC, DSC, digital cameras, hard disk drives

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.5 μ H ~ 100 μ H	1.0kHz	0.040W ~ 25.0W	80mA ~ 3100mA

IDC	Isat	Irms	Size (mm)
		100mA ~ 2500mA	4.2L x 4.2W x 1.60H



CTSPI3D18F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Cellular phones, PDA's, DVC, DSC, digital cameras, hard disk drives

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.27 μ H ~ 1500 μ H	1.0kHz	0.019W ~ 25.0W	70mA ~ 2900mA

IDC	Isat	Irms	Size (mm)
		100mA ~ 4600mA	4.2L x 4.2W x 1.80H



CTPCI6045F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Thin-screen TV's, LCD's, AV equipment, STB's, LED lights, industrial equipment

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 470 μ H	100kHz	0.0143W ~ 1.56W	

IDC	Isat	Irms	Size (mm)
	0.25A ~ 6.0A	0.41A ~ 4.8A	6.0L x 6.3W x 4.6H



CTPCI7045F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Thin-screen TV's, LCD's, AV equipment, STB's, LED lights, industrial equipment

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 470 μ H	100kHz	0.0117W ~ 1.44W	

IDC	Isat	Irms	Size (mm)
	0.37A ~ 7.6A	0.46A ~ 6.5A	7.0L x 7.4W x 4.5H



CTCDRH2D09F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.2 μ H ~ 10 μ H	100kHz	0.0975W ~ 0.538W	

IDC	Isat	Irms	Size (mm)
	0.28A ~ 0.80A	0.42A ~ 1.24A	3.2L x 3.2W x 1.0H



CTCDRH2D11F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 47 μ H	100kHz	95 ~ 2250	

IDC	Isat	Irms	Size (mm)
	0.20A ~ 0.90A	0.30A ~ 1.45A	3.2L x 3.2W x 1.0H



CTCDRH2D11/HPF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 10 μ H	100kHz	80 ~ 559	0.52A ~ 1.35A

IDC	Isat	Irms	Size (mm)
			3.2L x 3.2W x 1.2H



CTCDRH2D14F

Wire-wound Inductors

Description

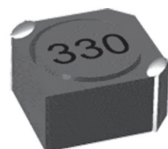
SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 12 μ H	100kHz	63 ~ 470	

IDC	Isat	Irms	Size (mm)
			3.2L x 3.2W x 1.55H



CTCDRH2D18F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 47 μ H	100kHz	43 ~ 660	

IDC	Isat	Irms	Size (mm)
			3.2L x 3.2W x 2.0H



CTCDRH2D18/HPF

Wire-wound Inductors

Description

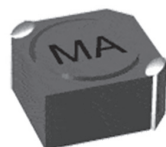
SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.7 μ H ~ 47 μ H	100kHz	44 ~ 1430	0.39A ~ 1.85A

IDC	Isat	Irms	Size (mm)
			3.2L x 3.2W x 2.0H



CTCDRH2D18/LDF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 47 μ H	100kHz	41 ~ 660	

IDC	Isat	Irms	Size (mm)
		480mA ~ 2300mA	3.2L x 3.2W x 2.0H



CTCDRH3D16F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 100 μ H	100kHz	0.052W ~ 1.75W	

IDC	Isat	Irms	Size (mm)
			4.1L x 4.1W x 1.8H



CTCDRH3D28F

Wire-wound Inductors

Description

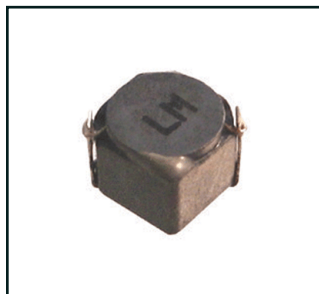
SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
3.3 μ H ~ 47 μ H	100kHz	0.0721W ~ 0.599W	

IDC	Isat	Irms	Size (mm)
	0.48A ~ 2.00A	0.56A ~ 1.85A	4.0L x 4.0W x 3.0H



CTCDRH3D28/LDF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

MP3, DSC/DVC, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 220 μ H	100kHz	0.095W ~ 1.27W	

IDC	Isat	Irms	Size (mm)
	0.116A ~ 0.5A	0.36A ~ 1.52A	4.0L x 4.0W x 3.0H



CTCDRH4D18F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 180 μ H	1.0 μ H ~ 8.2 μ H @ 7.96MHz; 10 μ H ~ 180 μ H @ 100kHz	45 ~ 4000	

IDC	Isat	Irms	Size (mm)
			4.7L x 4.7W x 2.0H



CTCDRH4D28F

Wire-wound Inductors

Description

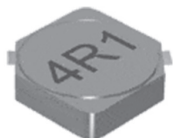
SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.2 μ H ~ 390 μ H	100kHz	23.6 ~ 2830	

IDC	Isat	Irms	Size (mm)
			4.7L x 4.7W x 3.0H



CTCDRH5D18F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
3.3 μ H ~ 330 μ H	10kHz	50 ~ 4340	

IDC	Isat	Irms	Size (mm)
			5.7L x 5.7W x 2.0H



CTCDRH5D28F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.5 μ H ~ 150 μ H	10kHz	18 ~ 956	

IDC	Isat	Irms	Size (mm)
			5.7L x 5.7W x 3.0H



CTCDRH5D28RF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.5 μ H ~ 100 μ H	100kHz	17.6 ~ 520	

IDC	Isat	Irms	Size (mm)
0.40A ~ 2.6A			6.2L x 6.3W x 3.0H



CTCDRH6D28F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
3.0 μ H ~ 150 μ H	10kHz	24 ~ 615	
IDC	Isat	Irms	Size (mm)
			6.7L x 6.7W x 3.0H



CTCDRH6D38F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
3.3 μ H ~ 100 μ H	10kHz	20 ~ 358	
IDC	Isat	Irms	Size (mm)
			6.7L x 6.7W x 4.0H



CTCDRH8D28F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 100 μ H	100kHz	11 ~ 410	
IDC	Isat	Irms	Size (mm)
			8.3L x 8.3W x 3.0H



CTCDRH8D38F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.8 μ H ~ 100 μ H	100kHz	15.6 ~ 410	

IDC	Isat	Irms	Size (mm)
			8.3L x 8.3W x 4.0H



CTCDRH8D43F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.5 μ H ~ 100 μ H	100kHz	14 ~ 360	

IDC	Isat	Irms	Size (mm)
			8.3L x 8.3W x 4.7H



CTCDRH62BF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.9 μ H ~ 330 μ H	2.9 μ H ~ 7.1 μ H @ 7.96MHz; 10 μ H ~ 330 μ H @ 1.0kHz	0.068W ~ 4.94W	

IDC	Isat	Irms	Size (mm)
0.19A ~ 1.94A			5.9L x 6.2W x 3.0H



CTCDRH64BF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.9 μ H ~ 1000 μ H	1.0kHz	0.047W ~ 9.3W	
IDC	Isat	Irms	Size (mm)
0.14A ~ 1.8A			5.9L x 6.2W x 5.0H



CTCDRH73F

Wire-wound Inductors

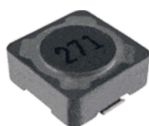
Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 1000 μ H	1.0kHz	0.07W ~ 9.4W	
IDC	Isat	Irms	Size (mm)
0.16A ~ 1.7A			7.5L x 7.5W x 3.5H



CTCDRH73BF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 1000 μ H	1.0kHz	0.07W ~ 9.4W	
IDC	Isat	Irms	Size (mm)
0.16A ~ 1.7A			7.5L x 7.5W x 3.4H



CTCDRH73CF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 1000 μ H	1.0kHz	0.072W ~ 9.44W	

IDC	Isat	Irms	Size (mm)
0.16A ~ 1.68A			7.8L x 7.8W x 3.5H



CTCDRH74F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 1000 μ H	1.0kHz	0.05W ~ 6.0W	

IDC	Isat	Irms	Size (mm)
0.18A ~ 1.84A			7.8L x 7.8W x 4.5H



CTCDRH74BF

Wire-wound Inductors

Description

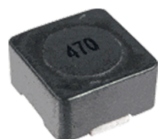
SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 1000 μ H	1.0kHz	0.05W ~ 6.0W	

IDC	Isat	Irms	Size (mm)
0.18A ~ 1.9A			7.5L x 7.5W x 4.5H



CTCDRH74CF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 1000 μ H	1.0kHz	0.049W ~ 6.0W	

IDC	Isat	Irms	Size (mm)
0.18A ~ 1.84A			7.8L x 7.8W x 4.5H



CTCDRH74HCF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD panels, PC notebooks, portable communication equipment, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 1000 μ H	1.0kHz	0.013W ~ 4.1W	

IDC	Isat	Irms	Size (mm)
	0.24A ~ 5.6A	0.2A ~ 5.0A	7.3L x 7.3W x 4.5H



CTCDRH104RF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 330 μ H	100kHz	7.0 ~ 1090	

IDC	Isat	Irms	Size (mm)
0.7A ~ 10.1A			10.0L x 10.0W x 3.8H



CTCDRH105RF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.8 μ H ~ 1000 μ H	100kHz	5.0 ~ 1990	

IDC	Isat	Irms	Size (mm)
	0.48A ~ 13.5A		10.5L x 10.3W x 5.1H



CTCDRH124F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
3.9 μ H ~ 330 μ H	100kHz	0.015W ~ 0.990W	

IDC	Isat	Irms	Size (mm)
0.5A ~ 6.5A			12.5L x 12.5W x 4.5H



CTCDRH125F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.3 μ H ~ 1000 μ H	1.0kHz	0.012W ~ 1.5W	

IDC	Isat	Irms	Size (mm)
0.4A ~ 8.0A			12.8L x 12.8W x 6.0H



CTSR1260F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD panels, PC notebooks, portable communication equipment, DC/DC converters

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 1000 μ H	1.0 μ H ~ 8.2 μ H @ 100kHz; 10 μ H ~ 1000 μ H @ 1kHz	7.8 ~ 1700	

IDC	Isat	Irms	Size (mm)
	0.60A ~ 10A	0.68A ~ 9.4A	12.8L x 12.8W x 6.0H

CTCDRH127F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.2 μ H ~ 1000 μ H	1.2 μ H ~ 7.6 μ H @ 100kHz; 10 μ H ~ 1000 μ H @ 1.0kHz	7.0 ~ 1820	

IDC	Isat	Irms	Size (mm)
0.55A ~ 9.8A			12.5L x 12.5W x 8.0H

CTCDRH127/LDF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 1000 μ H	1.0 μ H ~ 7.4 μ H @ 100kHz; 10 μ H ~ 1000 μ H @ 1.0kHz	6.5 ~ 1500	

IDC	Isat	Irms	Size (mm)
	0.70A ~ 14.0A	0.66A ~ 14.0A	12.5L x 12.5W x 8.0H



CTCDRH129F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Notebook PC, LCD TV, DVD, gaming machine, set top box, DC/DC converter.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 1000 μ H	1.5 μ H ~ 8.2 μ H @ 100kHz; 10 μ H ~ 1000 μ H @ 1.0kHz	0.0047W ~ 1.27W	

IDC	Isat	Irms	Size (mm)
0.76A ~ 16.0A			12.2L x 12.2W x 10.0H



CTMSS1278F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD panels, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.4 μ H ~ 1000 μ H	100kHz	11 ~ 1700	

IDC	Isat	Irms	Size (mm)
	0.85A ~ 18.0A	0.68A ~ 10.0A	12.0L x 12.0W x 8.0H



CTCDC5D23F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.7 μ H ~ 470 μ H	100kHz	44 ~ 4780	

IDC	Isat	Irms	Size (mm)
			6.0L x 6.0W x 2.5H



CTCDEP147HF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD television set, notebook PC, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.3 μ H ~ 7.3 μ H	100kHz	2.1 ~ 13.3	

IDC	Isat	Irms	Size (mm)
	14.6A ~ 70A	9.0A ~ 23A	15.0L x 14.9W x 8.1H



CTCDEP147LF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD television set, notebook PC, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.5 μ H ~ 12 μ H	100kHz	2.1 ~ 13.3	

IDC	Isat	Irms	Size (mm)
	8.0A ~ 39.6A	9.0A ~ 24A	15.0L x 14.9W x 8.1H



CTCDEP147SF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD television set, notebook PC, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.4 μ H ~ 9.5 μ H	100kHz	2.1 ~ 13.3	

IDC	Isat	Irms	Size (mm)
	11.2A ~ 52.8A	9.3A ~ 23A	15.0L x 14.9W x 8.1H



CTCDR63BF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 68 μ H	2.52MHz	0.14W ~ 0.82W	

IDC	Isat	Irms	Size (mm)
0.42A ~ 1.00A			5.9L x 6.5W x 3.5H



CTEP105HF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD television set, notebook PC, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.15 μ H ~ 3.0 μ H	100kHz	2.6 ~ 23.8	

IDC	Isat	Irms	Size (mm)
	12.6A ~ 55A	7.2A ~ 20A	10.4L x 10.4W x 5.6H



CTEP105LF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD television set, notebook PC, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.36 μ H ~ 8.8 μ H	100kHz	2.6 ~ 23.8	

IDC	Isat	Irms	Size (mm)
	4.5A ~ 24A	7.0A ~ 21A	10.4L x 10.4W x 5.6H

**CTEP105SF**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD television set, notebook PC, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.22 μ H ~ 5.0 μ H	100kHz	1.7 ~ 23.8	

IDC	Isat	Irms	Size (mm)
		4.9A ~ 19A	10.4L x 10.4W x 5.6H

**CTEP125HF**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 7.2 μ H	100kHz	2.5 ~ 13.5	7.8A ~ 20A

IDC	Isat	Irms	Size (mm)
			12.5L x 12.5W x 5.6H

**CTEP125SF**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.2 μ H ~ 10 μ H	100kHz	2.5 ~ 13.5	5.0A ~ 17A

IDC	Isat	Irms	Size (mm)
			12.9L x 12.9W x 5.8H



CTEP125UF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.3 μ H ~ 5.6 μ H	100kHz	2.5 ~ 13.5	9.5A ~ 35A
IDC	Isat	Irms	Size (mm)
			12.9L x 12.9W x 5.8H



CTGSR74BF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
4.7 μ H ~ 270 μ H	4.7 μ H @ 100kHz; 10 μ H ~ 82 μ H @ 2.52MHz; 100 μ H ~ 270 μ H @ 1.0kHz	0.03W ~ 1.3W	
IDC	Isat	Irms	Size (mm)
			8.15L x 7.35W x 4.9H



CTGSR105BF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 470 μ H	10 μ H ~ 82 μ H @ 2.52MHz; 100 μ H ~ 470 μ H @ 1.0kHz	0.06W ~ 1.5W	
IDC	Isat	Irms	Size (mm)
			10.0L x 9.0W x 5.5H



CT636CYF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Ideal for a variety of DC/DC converter applications

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 1000 μ H	100kHz	0.019W ~ 7.02W	

IDC	Isat	Irms	Size (mm)
			7.4L x 7.4W x 3.5H



CT646CYF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Ideal for a variety of DC/DC converter applications

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 1000 μ H	100kHz	0.023W ~ 4.1W	

IDC	Isat	Irms	Size (mm)
			7.4L x 7.4W x 5.5H



CT915AYF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Cellular phones, smart phones, MP3 players, PDA, palmtop, wireless handhelds, LCD televisions, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.1 μ H ~ 100 μ H	100kHz	0.020W ~ 0.801W	

IDC	Isat	Irms	Size (mm)
	0.43A ~ 3.87A		5.3L x 5.3W x 3.0H

**CT916CYF**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.0 μ H ~ 150 μ H	100kHz	0.016W ~ 0.553W	

IDC	Isat	Irms	Size (mm)
0.37A ~ 3.0A			6.2L x 6.3W x 3.5H

**CT918CYF**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 47 μ H	100kHz	0.02W ~ 0.61W	

IDC	Isat	Irms	Size (mm)
0.5A ~ 3.5A			6.2L x 6.3W x 2.0H

**CT920CYF**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 100 μ H	100kHz	0.018W ~ 0.67W	

IDC	Isat	Irms	Size (mm)
0.33A ~ 3.48A			6.2L x 6.3W x 2.5H



CT921CYF

Wire-wound Inductors

Description

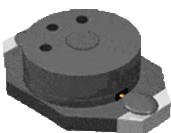
SMD shielded power inductors

Application Use

Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 150 μ H	100kHz	0.017W ~ 0.65W	

IDC	Isat	Irms	Size (mm)
0.31A ~ 3.59A			6.2L x 6.3W x 3.0H



CTDT1608CF

Wire-wound Inductors

Description

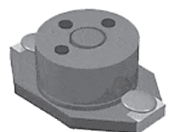
SMD shielded power inductors

Application Use

DC/DC converters, computers, LCD displays and telecommunication equipment

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 680 μ H	100kHz	0.045W ~ 4.55W	0.12A ~ 2.0A

IDC	Isat	Irms	Size (mm)
			6.6L x 4.45W x 2.92H



CTDT3316PF

Wire-wound Inductors

Description

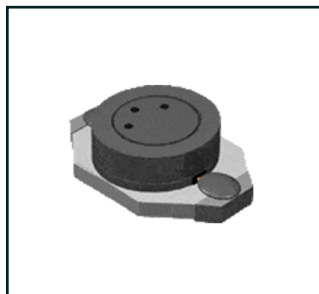
SMD shielded power inductors

Application Use

Ideal for high performance DC/DC converter applications, computers, LCD displays and telecommunication.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 1000 μ H	100kHz	0.025W ~ 1.45W	0.25A ~ 5.0A

IDC	Isat	Irms	Size (mm)
			12.95L x 9.4W x 5.08H



CTDS1608CF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

DC/DC converters, computers, LCD displays and telecommunication equipment. Can help achieve significantly longer battery life in hand held communication devices and other portable products.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 10000 μ H	100kHz	0.040W ~ 32.8W	
IDC	Isat	Irms	Size (mm)
0.02A ~ 3.0A			6.6L x 4.45W x 2.92H



CTDS3308F

Wire-wound Inductors

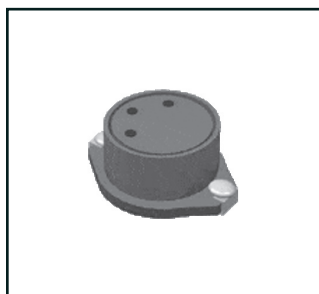
Description

SMD shielded power inductors

Application Use

DC/DC converters, notebook computers, PDA, cell phones, step-up or step-down converters, flash memory.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 470 μ H	100kHz	45 ~ 5100	
IDC	Isat	Irms	Size (mm)
0.20A ~ 3.5A			12.7L x 10.1W x 2.7H



CTDS3316PF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Ideal for high performance DC/DC converter applications, computers, LCD displays and telecommunication.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 1000 μ H	100kHz	0.021W ~ 8.3W	
IDC	Isat	Irms	Size (mm)
	0.32A ~ 5.6A	0.17A ~ 5.0A	12.95L x 9.4W x 5.08H



CTDS5022PF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Ideal for high performance DC/DC converter applications, computers, LCD displays and telecommunication.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 1000 μ H	100kHz	0.04W ~ 2.0W	

IDC	Isat	Irms	Size (mm)
	0.8A ~ 8.0A	0.53A ~ 3.9A	18.54L x 15.24W x 7.62H



CTDSS0805F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Ideal for high performance DC/DC converter applications, computers, LCD displays and telecommunication.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 1000 μ H	1.0kHz	0.04W ~ 5.0W	

IDC	Isat	Irms	Size (mm)
			10.5L x 8.0W x 4.5H



CTDSS1005F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Ideal for high performance DC/DC converter applications, computers, LCD displays and telecommunication.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 3300 μ H	1.0kHz	0.01W ~ 10W	

IDC	Isat	Irms	Size (mm)
			12.7L x 10.0W x 4.9H

**CTSLF0628TF**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

For power source circuits, low profile type DC/DC converters, DC/AC inverters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
4.7 μ H ~ 100 μ H	1.0kHz	0.0284W ~ 0.43W	

IDC	Isat	Irms	Size (mm)
			6.0L x 6.0W x 2.8H

**CTSLF0645TF**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD TV's, PDP TV's, LCD displays, DVD recorders, HDD's, DSC's.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 15 μ H	100kHz	18 ~ 50	

IDC	Isat	Irms	Size (mm)
	1.3A ~ 3.3A		6.0L x 6.0W x 4.5H

**CTSLF0732TF**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

For power source circuits, low profile type DC/DC converters, DC/AC inverters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
3.3 μ H ~ 1000 μ H	1.0kHz	0.023W ~ 4.78W	

IDC	Isat	Irms	Size (mm)
			7.0L x 7.0W x 3.2H



CTSLF0745TF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

For power source circuits, low profile type DC/DC converters, DC/AC inverters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 1000 μ H	2.2 μ H @ 100kHz; 3.3 μ H ~ 1000 μ H @ 1.0kHz	0.02W ~ 2.28W	

IDC	Isat	Irms	Size (mm)
			7.0L x 7.0W x 4.5H



CTSLF0755TF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD TV's, PDP TV's, LCD displays, DVD recorders, HDD's, DSC's.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 100 μ H	100kHz	17.4 ~ 293	

IDC	Isat	Irms	Size (mm)
	0.8A ~ 6.2A	0.9A ~ 4.0A	7.0L x 7.0W x 5.5H



CTSLF1045TF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

For power source circuits, low profile type DC/DC converters, DC/AC inverters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 1500 μ H	1.0kHz	0.0364W ~ 3.4W	

IDC	Isat	Irms	Size (mm)
			10.1L x 10.1W x 4.5H



CTSLF1255TF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

LCD TV's, PDP TV's, LCD displays, DVD recorders, HDD's, DSC's.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
6.0 μ H ~ 1500 μ H	1.0kHz	0.0164 ~ 1.73	

IDC	Isat	Irms	Size (mm)
	0.29A ~ 3.6A	0.48A ~ 4.9A	12.5L x 12.5W x 5.5H



CTSLF1265TF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

For power source circuits, low profile type DC/DC converters, DC/AC inverters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.0 μ H ~ 220 μ H	1.0kHz	0.0117W ~ 0.273W	

IDC	Isat	Irms	Size (mm)
			12.5L x 12.5W x 6.5H



CTSLF1275TF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

For power source circuits, low profile type DC/DC converters, DC/AC inverters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.2 μ H ~ 220 μ H	1.0kHz	0.0069W ~ 0.258W	

IDC	Isat	Irms	Size (mm)
			12.5L x 12.5W x 7.5H



CTSR0604F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Power supplies for portable communication equipment, camcorders, LCD TV's, car radios, input/output of DC/DC converters.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 1000 μ H	1.0kHz	0.028W ~ 6.1W	

IDC	Isat	Irms	Size (mm)
0.12A ~ 2.8A			6.5L x 6.5W x 4.6H



CTSR0906F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Input/output of DC/DC converters, power supplies for portable communication equipment, camcorders, LCD TV's, car radios.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.7 μ H ~ 10000 μ H	1.0kHz	0.032W ~ 38W	

IDC	Isat	Irms	Size (mm)
0.07A ~ 3.2A			10.5L x 9.5W x 6.0H



CTSR0908F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Input/output of DC/DC converters, power supplies for portable communication equipment, camcorders, LCD TV's, car radios.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 15000 μ H	1.0kHz	0.014W ~ 40W	

IDC	Isat	Irms	Size (mm)
75mA ~ 5600mA			10.5L x 9.5W x 7.5H



CTSRU5028F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Input/output of DC/DC converters, power supplies for portable communication equipment, camcorders, LCD TV's, car radios.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.2 μ H ~ 100 μ H	100kHz	22 ~ 800	

IDC	Isat	Irms	Size (mm)
	420mA ~ 3400mA	470mA ~ 3500mA	5.2L x 5.2W x 2.8H



CTSRU1038F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Input/output of DC/DC converters, power supplies for portable communication equipment, camcorders, LCD TV's, car radios.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 330 μ H	100kHz	7.5 ~ 1000	

IDC	Isat	Irms	Size (mm)
	0.52A ~ 7.0A	0.55A ~ 7.2A	10.0L x 10.0W x 3.8H



CTSRU1048F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Input/output of DC/DC converters, power supplies for portable communication equipment, camcorders, LCD TV's, car radios.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.8 μ H ~ 330 μ H	100kHz	4.8 ~ 640	

IDC	Isat	Irms	Size (mm)
	0.52A ~ 8.5A	0.65A ~ 7.8A	10.0L x 10.0W x 4.8H



CTLQH3KSF

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Excellent for power in line DC/DC conversion applications used in hard disk, notebook computers and other electronic equipment

Inductance	Ind. Test Freq.	DCR (Ω)	Current
3.3 μ H ~ 2200 μ H	3.3 μ H ~ 68 μ H @ 1MHz; 100 μ H ~ 680 μ H @ 100kHz; 1000 μ H ~ 2200 μ H @ 10kHz	0.062W ~ 30W	
IDC	Isat	Irms	Size (mm)
20mA ~ 500mA			3.5L x 3.6W x 2.1H



CTSDB0705F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Switching power supplies. RFI/EMC filtering

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 220 μ H	1.0kHz	0.05W ~ 0.75W	
IDC	Isat	Irms	Size (mm)
			8.0L x 7.0W x 5.7H



CTSDB0905F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Switching power supplies. RFI/EMC filtering

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 220 μ H	1.0kHz	0.04W ~ 1.3W	
IDC	Isat	Irms	Size (mm)
			10.1L x 10.0W x 5.7H



CTSDB1105F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Switching power supplies. RFI/EMC filtering

Inductance	Ind. Test Freq.	DCR (Ω)	Current
10 μ H ~ 1500 μ H	1.0kHz	0.05W ~ 2.5W	

IDC	Isat	Irms	Size (mm)
			12.7L x 12.6W x 5.7H



CTSFW7030F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Low loss, high efficiency, wide application frequency and application scope.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.13 μ H ~ 2.0 μ H	100kHz	1.0 ~ 15.62	

IDC	Isat	Irms	Size (mm)
	9.0A ~ 48A	6.5A ~ 22A	6.7L x 6.7W x 3.0H



CTSFW7040F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Low loss, high efficiency, wide application frequency and application scope.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.22 μ H ~ 4.7 μ H	100kHz	1.2 ~ 21.5	

IDC	Isat	Irms	Size (mm)
	7.0A ~ 32A	6.0A ~ 21A	6.7L x 6.7W x 4.0H

**CTSFW7050F**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Low loss, high efficiency, wide application frequency and application scope.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.24 μ H ~ 10 μ H	100kHz	1.1 ~ 36.3	

IDC	Isat	Irms	Size (mm)
	4.0A ~ 28A	3.5A ~ 20A	6.7L x 6.7W x 5.0H

**CTSFW1030F**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Low loss, high efficiency, wide application frequency and application scope.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.20 μ H ~ 2.2 μ H	100kHz	0.90 ~ 12.5	

IDC	Isat	Irms	Size (mm)
	15A ~ 50A	9.0A ~ 22A	10.2L x 10.2W x 3.0H

**CTSFW1040F**

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Low loss, high efficiency, wide application frequency and application scope.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.15 μ H ~ 5.6 μ H	100kHz	0.60 ~ 22.7	

IDC	Isat	Irms	Size (mm)
	7.5A ~ 60A	6.7A ~ 25A	10.2L x 10.2W x 4.0H



CTSFW1050F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Low loss, high efficiency, wide application frequency and application scope.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.16 μ H ~ 16 μ H	100kHz	0.56 ~ 26.95	

IDC	Isat	Irms	Size (mm)
	6.5A ~ 58A	5.0A ~ 25A	10.2L x 10.2W x 4.8H



CTSFW1335F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Low loss, high efficiency, wide application frequency and application scope.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.25 μ H ~ 3.3 μ H	100kHz	0.80 ~ 8.9	

IDC	Isat	Irms	Size (mm)
	14A ~ 60A	12A ~ 24A	12.8L x 12.8W x 3.5H



CTSFW1350F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Low loss, high efficiency, wide application frequency and application scope.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.19 μ H ~ 10 μ H	100kHz	0.55 ~ 15.51	

IDC	Isat	Irms	Size (mm)
	10A ~ 60A	8.5A ~ 29A	12.8L x 12.8W x 5.0H



CTSFW1365F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Low loss, high efficiency, wide application frequency and application scope.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.20 μ H ~ 33 μ H	100kHz	0.40 ~ 33.6	

IDC	Isat	Irms	Size (mm)
	5.5A ~ 65A	5.5A ~ 32A	12.8L x 12.8W x 6.2H



CTSFW1890F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Low loss, high efficiency, wide application frequency and application scope.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.82 μ H ~ 10 μ H	100kHz	0.59 ~ 7.6	

IDC	Isat	Irms	Size (mm)
	21.5A ~ 65A	15A ~ 41.5A	18.2L x 18.2W x 8.9H



CTHFW2014F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Storage inductor for high efficiency DC/DC converters, single and polyphase buck converters, filters for audio applications, optimized for high current boost applications, industrial control PC's, servers, DC/DC converters, LED lighting, communication equipment, navigation.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
2.2 μ H ~ 33 μ H	100kHz	2.2 ~ 9.5	

IDC	Isat	Irms	Size (mm)
	9.0A ~ 55A	Idc: 16A ~ 28A	22.5L x 21.8W x 14.5H



CTHFW2915F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Storage inductor for high efficiency DC/DC converters, single and polyphase buck converters, filters for audio applications, optimized for high current boost applications, industrial control PC's, servers, DC/DC converters, LED lighting, communication equipment, navigation.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.5 μ H ~ 33 μ H	100kHz	1.76	

IDC	Isat	Irms	Size (mm)
	2.6A ~ 100A	Idc: 30A	27.9L x 27.9W x 15.4H



CTHFW2918F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Storage inductor for high efficiency DC/DC converters, single and polyphase buck converters, filters for audio applications, optimized for high current boost applications, industrial control PC's, servers, DC/DC converters, LED lighting, communication equipment, navigation.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
1.0 μ H ~ 33 μ H	100kHz	0.60 ~ 2.86	

IDC	Isat	Irms	Size (mm)
	8.7A ~ 120A	Idc: 28A ~ 60A	27.9L x 27.9W x 17.8H



CTPA5031F

Wire-wound Inductors

Description

SMD shielded power inductors

Application Use

Designed for higher speed switch mode applications requiring lower inductance and high current. Next generation microprocessors.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
0.21 μ H ~ 0.44 μ H	2.0MHz	0.35	

IDC	Isat	Irms	Size (mm)
	35A ~ 71A	45A	13.46L x 12.95W x 8.0H

**CTDAS0910AF**

Power Inductors for Digital Amplifiers

Description

SMD inductors for Class D

Application Use

TV and monitor, AV amplifier, video game console, power supply, navigation equipment, audio applications.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
6.8 μ H ~ 22 μ H	1.0kHz	19 ~ 45	

IDC	Isat	Irms	Size (mm)
	3.3A ~ 7.8A	3.5A ~ 5.0A	10.0L x 9.0W x 10.5H

**CTDAS0910BF**

Power Inductors for Digital Amplifiers

Description

SMD inductors for Class D

Application Use

TV and monitor, AV amplifier, video game console, power supply, navigation equipment, audio applications.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
6.8 μ H ~ 22 μ H	1.0kHz	19 ~ 36	

IDC	Isat	Irms	Size (mm)
	3.0A ~ 8.7A	3.5A ~ 5.0A	10.0L x 9.0W x 10.5H

**CTDAS1013F**

Power Inductors for Digital Amplifiers

Description

SMD inductors for Class D

Application Use

TV and monitor, AV amplifier, video game console, power supply, navigation equipment, audio applications.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
6.8 μ H ~ 22 μ H	1.0kHz	15.2 ~ 25	

IDC	Isat	Irms	Size (mm)
	3.5A ~ 11A	5.0A ~ 6.5A	13.0L x 10.0W x 10.5H



CTDAS1065F

Power Inductors for Digital Amplifiers

Description

SMD inductors for Class D

Application Use

TV and monitor, AV amplifier, video game console, power supply, navigation equipment, audio applications.

Inductance	Ind. Test Freq.	DCR (Ω)	Current
6.8 μ H ~ 22 μ H	1.0kHz	12 ~ 28	

IDC	Isat	Irms	Size (mm)
	4.0A ~ 7.8A	4.0A ~ 6.7A	6.5L x 11.0W x 10.5H

