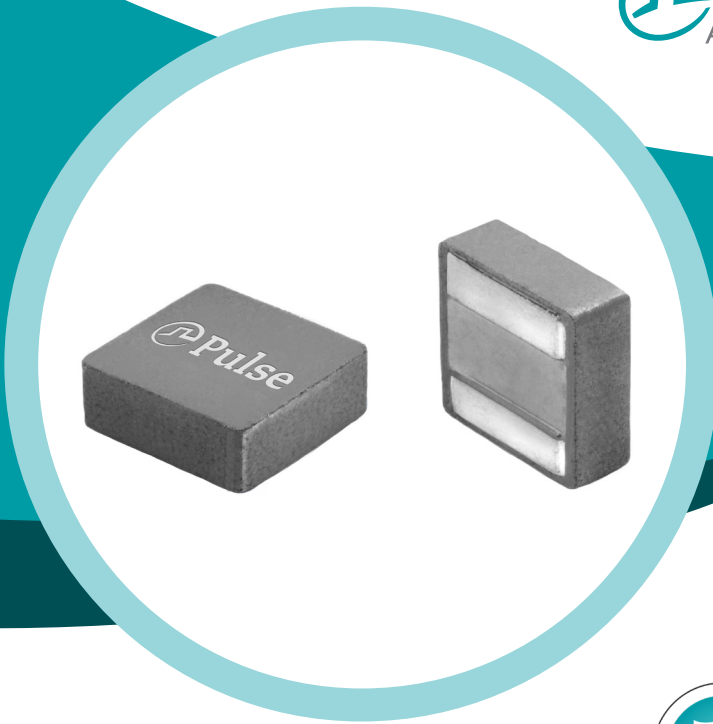




POWER INDUCTORS

HIGH CURRENT COMPOSITE CORE INDUCTORS

Our composite core inductors come in multiple platform sizes and provide a fully shielded, high energy storage, soft saturation solution for applications up to 32Apk current. The construction enables the highest energy density of any available SMT inductor and also minimizes acoustic noise. With both commercial grade (-40C to 125C) and automotive grade (-55C to 155C) offerings they cover a wide range of applications and markets including Datacom, Computing, Industrial and Automotive.



FEATURES & BENEFITS

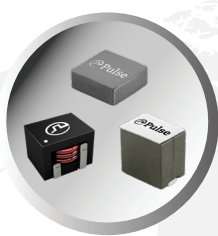
- Low Profile, High Current Applications
- Composite core material for higher energy storage density
- Lowest DCR/mm³
- Soft saturation characteristics
- Larger terminations for lower DCR and stronger solder joint
- Computing, Communications, Industrial and Automotive Applications
- Excellent temperature stability
- Handles high transient current spikes without saturation
- Suitable for High Frequency Applications

POWER INDUCTORS

HIGH CURRENT COMPOSITE CORE INDUCTORS

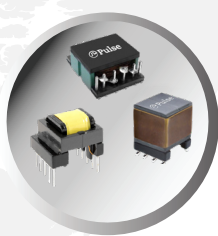
IATF16949 and AEC-Q200 parts with High operating Temperature from -55°C to 155°C are available with the PM prefix

Commercial	Automotive	Inductance/Current Ranges		Dimensions		Quantity	Package Size
-40 to +125°C	-40 to +125°C	From	To	Length x width (mm Max)	Height (mm Max)	Tape & Reel (pcs/reel)	Industry Standard
PA5001.XXXNLT	PM2201.XXXNLT	0.10uH/38A	2.2uH/6.5A	4.3 x 4.3	2.1	3000	4020
PA5002.XXXNLT	PM2202.XXXNLT	0.15uH/30A	1.5uH/13.3A	5.7 x 5.5	2.1	3000	5020
PA5003.XXXNLT	PM2203.XXXNLT	0.15uH/36A	4.7uH/8.2A	5.7x 5.5	3.1	2000	5030
NEW PA5175.XXXNLT	PM5175.XXXNLT	5.6uH/7.2A	10uH/5.4A	5.7x 5.5	5.0	1500	5050
PA5004.XXXNLT	PM2204.XXXNLT	0.18uH/40A	4.5uH/10A	6.8 x 6.6	3.1	1000	6030
PA5005.XXXNLT	PM2205.XXXNLT	0.82uH/24A	4.7uH/10.5A 6	6.8 x 6.6	5.0	800	-
PA5006.XXXNLT	PM2206.XXXNLT	0.27uH/35A	1.0uH/23A	8.0 x 7.8	2.1	2000	7020
PA5007.XXXNLT	PM2207.XXXNLT	1.0uH/30A	8.2uH/10.2A	8.0 x 7.8	3.1	1500	7030
NEW PA2240.XXXNLT	PM2240.XXXNLT	3.3uH/15.1A	6.8uH/11A	8.0 x 7.8	7.0	700	7070
NEW PA2247.XXXNLT	PA2247.XXXNLT	4.7uH/39A	22uH/18A	16.8 x 15.8	10.0	150	1510
NEW PA2248.XXXNLT	PM2248.XXXNLT	15uH/25.5A		16.8 x 15.8	13.0	100	1513



Power Inductors

- Power Bead, Molded, Composite, Drum Core and Toroid Constructions
- Over 100Apk



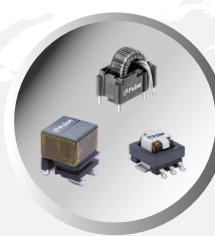
Switch Mode Transformers

- Multiple Topologies
- Up to 2kW
- Functional, Basic and Reinforced Insulation



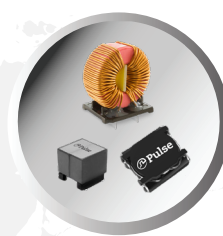
Isolation Transformers

- Push-pull, Flyback and H-Bridge topologies
- Functional, Basic and Reinforced Insulation
- Up to 5kVrms Hi-pot*



Current Sense Magnetics

- Functional, Basic and Reinforced Insulation
- Up to 40Arms



Common Mode Chokes

- NiZn, MnZn and Nanocrystalline Materials
- Up to 45Arms

Surface Mount and Through-hole Terminations

Catalog and Custom Solutions Available