

## POWER INDUCTORS

### HIGH CURRENT MOLDED POWDER CORE INDUCTORS

Our molded core inductors come in multiple platform sizes and provide a fully shielded, high energy storage, soft saturation solution for applications up to 110Apk current. The construction enables high energy storage in a cost effective solution and also minimizes acoustic noise. With both a high saturation current series (commercial and automotive, -40°C to 125°C) and a low DCR series (automotive, -55°C to 155°C) they cover a wide range of applications and markets including Communications, Computing, Industrial and Automotive.



## FEATURES & BENEFITS

- Low Profile, High Current Applications
- Molded construction enables low cost.
- Soft saturation characteristics
- Computing, Communications, Industrial and Automotive Applications
- Excellent temperature stability
- Handles high transient current spikes without saturation
- Suitable for High Frequency Applications
- Up to 155°C

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## HIGH CURRENT MOLDED POWDER CORE INDUCTORS



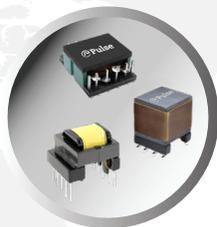
Part Number	Industry Size Code	Dimensions (mm Max)			Inductance (uH)			
		L	W	H	0.1	1	10	100
PA5400/PM5400	1212AB	3.7	3.4	1.2	14Apk		1.4Apk	
PA4547/PM4547	1212AE	3.7	3.4	1.5	10.8Apk		1.6Apk	
PA5401/PM5401	1212BZ	3.7	3.4	2.0	14Apk		1.6Apk	
PA4546/PM4546	1616AB	4.7	4.3	1.2	25Apk		1Apk	
PA5402/PM5402	1616BZ	4.7	4.3	2.0	35Apk		1.4Apk	
PA5403/PM5403	2020AB	6.0	5.4	1.2	14.5Apk		1.8Apk	
PA4345/PM4345	2020BZ	6.0	5.4	2.0	45Apk		1.8Apk	
PA4345A	2020BZ	6.0	5.4	2.0	22Apk		2.2Apk	
PA4340/PM4340	2020CZ	6.0	5.4	3.0	27Apk		1.6Apk	
PA4340A	2020CZ	6.0	5.4	3.0	24Apk		2Apk	
PA5447/PM5447	2525AH	7.3	6.9	1.8	45Apk		2.1Apk	
PA4548/PM4548	2525BD	7.3	6.9	2.4	70Apk		3.0Apk	
PA4341/PM4341	2525CZ	7.3	6.9	3.0	60Apk		2.0Apk	
PA4341A	2525CZ	7.4	6.8	3.0	40Apk		3Apk	
PA5404/PM5404	2525EZ	7.6	6.9	5.0	65Apk		2Apk	
PA5448/PM5448	3232CZ	9.2	8.5	3.0	35Apk		4.9Apk	
PA5449/PM5449	3232DZ	9.2	8.5	4.0	55Apk		2.9Apk	
PA4342/PM4342	4040DZ	11.5	10.3	4.0	75Apk		3Apk	
PA4342A	4040DZ	11.5	10.3	4.0	82Apk		2.7Apk	
PA5405/PM5405	5050CE	14.0	12.8	3.5		40Apk	5.5Apk	
PA4346/PM4346	5050EZ	14.0	12.8	5.0	110Apk		8.0Apk	
PA4346A	5050EZ	14.0	12.8	5.0	65Apk		5Apk	
PA4343/PM4343	5050FD	14.0	12.8	6.5	118Apk		9.5Apk	
PA4343A	5050FD	14.0	12.8	6.5	105Apk		5Apk	
PA4344/PM4344	6767GZ	17.7	17.2	7.0		70Apk	12Apk	
PA4344A	6767GZ	18.3	17.2	7.0	110Apk		8.0Apk	
PA4349A	8787MZ	24.0	22.3	13.0		62Apk	11Apk	

### Other Great Products from Pulse Electronics



#### 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