

POWER INDUCTORS

HIGH CURRENT ROUND WIRE COIL INDUCTORS



Our round wire coil (RWC) inductors come in six platform sizes and enable the highest efficiency of any SMT inductor through the use of a low loss ferrite core material which minimizes AC losses and also eliminates thermal ageing. The use of round magnetic wire instead of rectangular flat coils enables a lower cost while still maintaining a low DCR and small footprint. The platforms have passed the AEC-Q200 stress test qualification proving the designs robustness and suitability for difficult environments but the parts are not IATF certified. The six platforms range in size from 7.6x7.4x6.4mm to 26x26x15mm and are suitable for a wide range of applications and markets including communications, computing and industrial.



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Part Number	Industry Size Code	Dimensions (mm Max)			Inductance (uH)			
		L	W	H	0.1	1	10	100
PG0871	-	7.6	7.4	6.4		28Apk	6.3Apk	
PG0702	-	10.8	9.2	8.0		42.5Apk	8.5Apk	
PG0926	-	13.4	13.4	8.0		50Apk	7.5Apk	
PG0936	-	17.5	16.7	10.0		80Apk	9.2Apk	
PG1083	-	21.7	21.5	12.5		70Apk	10Apk	
PG1096	-	26.0	26.0	14.8		65Apk	10Apk	

FEATURES & BENEFITS

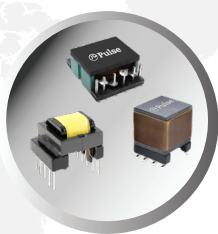
- Higher profile to minimize PCB footprint
- Ferrite core to minimize AC losses
- AEC-Q200 Qualified
- Larger terminations for lower DCR and stronger solder joint
- Suitable for High Frequency Applications
- Computing, Communications and Industrial Applications

Other Great Products from Pulse Electronics



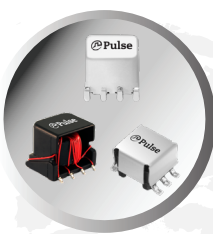
Power Inductors

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



Switch Mode Transformers

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



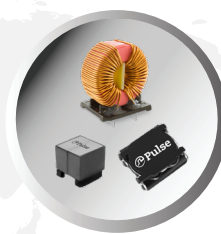
Isolation Transformers

- 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