

Base and Case for Toroidal Core and Coils

Surface mount and through hole bases cases and headers that turn a wound toroid into a board mountable component.

CB Technology Industrial Co., Limited / Shenzhen CB Magnetics Co., Limited

Established 2009. ISO 9001:2015, ISO 14001:2015, ISO 45001:2018. All products RoHS compliant.

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Data in this document is taken from the published CB Magnetics catalogue. Confirm dimensions against the current drawing before releasing tooling or a PCB. CAD files on request.

Through Hole Base and Case (61 parts)

Part number	Pins	Material	Pin dist.	Row dist.	Rating
12X10mm base		Phenolic	8.00mm	7.00mm	UL 94-V0, Class F
25.4x15.24mm base for Totoidal core		GFN/PBT/PET	20.32mm	10.16mm	UL 94-V0, Class F
27.94x20.32mm base with 4 pins for Toroid core		GFN/PBT/PET	22.86mm	15.24mm	UL 94-V0, Class F
Base 10X6mm for Toroidal core or coils		Phenolic	7mm	4mm	UL 94-V0, Class F
BASE 10x10 MM 6P		Phenolic			UL 94-V0, Class F
Base 11.9X11.9MM		Phenolic			UL 94-V0, Class F
Base 13X9.2MM for Toroidal core		PET	8.4mm	6mm	UL 94-V0, Class F
Base 23.32x15.7mm for Toroidal core or coils		GFN	5.08mm	12.7mm	UL 94-V0
Base 28x18mm for Toroidal core and coils		GFN	6.25mm	15mm	UL 94-V0
Base 33x23mm for Toroidal core or coils		GFN	7.50mm	20.00mm	UL 94-V0
DG380-5/PH		DAP			UL 94-V0, Class F
DG550-8/PH		DAP (Black)			UL94-V0, Class F
Horizontal Toroid Cup DG965-4		GFN			UL 94-V0
Horizontal Toroid Mount DG1208-4		GFN			UL 94-V0
HTC Part DG583-4		GFN			UL 94-V0
HTC Part DG764-4		GFN			UL 94-V0
Through hole base 10.1X8.75X5.00mm		DAP			
Through hole base 10.1X8.75X6.00mm		DAP			
Through hole base 10.1X8.75X6.20mm		DAP			
Through hole base 10.2x8.7x6.0mm		DAP			
Through hole base DR-15 4 pins		Phenolic	10.0mm		
Through hole base DR-15 5 pins		Phenolic			
Through hole base DR-15 6 pins		Phenolic			
Through hole base R-10 6PINS		PA66			
Through hole base R-10 6PINS with cap		PA66			
Toroid Mount DG400-8/PH		DAP (Black)			UL94-V0, Class F
Toroid Mount DG440-8		Phenolic (Black)			UL94-V0, Class F
Toroid Mount DG450-6		PET (Black)			UL94-V0, Class F
Toroid Mount DG595-8		Phenolic (Black)			UL94-V0, Class F

Part number	Pins	Material	Pin dist.	Row dist.	Rating
Toroidal Base for Toroidal core or coils		Phenolic	10mm		UL 94-V0, Class F
Vertical Base DG244-8		Phenolic			UL 94-V0
Vertical base DG455-4		GFN			UL 94-V0
Vertical base DG521-4		Phenolic			UL 94-V0
Vertical Base DG540-4		Phenolic			UL 94-V0
Vertical Base DG555-4		GFN (Natural)/PET			UL 94-V0
Vertical Base DG590-3		PBT			UL 94-V0, Class F
Vertical base DG600-6		GFN(Natural)			UL 94-V0, Class F
Vertical Base DG620-2		PBT			UL 94-V0, Class F
Vertical Base DG650-6		Phenolic			UL 94-V0
Vertical Base DG681-4		PET			UL 94-V0, Class F
Vertical Base DG800-0		GFN			UL 94-V0, Class F
Vertical Base DG945-2		PBT			UL 94-V0, Class F
Vertical Base DG955-4		GFN			UL 94-V0
Vertical Toroid Cup DG1227-4		GFN			UL 94-V0
Vertical Toroid Cup DG1468-4		GFN			UL 94-V0
Vertical Toroid Cup DG613-4		GFN			UL 94-V0
Vertical Toroid Cup DG774-4		GFN			UL 94-V0
Vertical Toroid Mount DG100-4		GFN/PBT			UL 94-V0, Class F
Vertical Toroid Mount DG120-0/06		GFN/PBT			UL 94-V0, Class F
Vertical Toroid Mount DG1300-14		Phenolic			UL 94-V0
Vertical Toroid Mount DG160-0		GFN/PBT			UL 94-V0, Class F
Vertical Toroid Mount DG254-4		GFN/PBT/PET			UL 94-V0, Class F
Vertical Toroid Mount DG280-4		GFN/PBT/PET			UL 94-V0, Class
Vertical Toroid Mount DG500-4		Phenolic			UL94-V0, Class F
Vertical Toroid Mount DG950-6		Phenolic			UL 94-V0, Class F
VTC Part DG1156-4		GFN			UL 94-V0
VTC Part DG512-4		GFN			UL 94-V0
VTC Part DG935-4		GFN			UL 94-V0
VTM BASE DG1050-10		Phenolic			UL 94-V0
VTM Part DG1060-08		GFN			UL 94-V0
VTM Part DG980-3		PET			UL 94-V0

SMD Base and Case (70 parts)

Part number	Pins	Material	Pin dist.	Row dist.	Rating
LCP self Terminating Base 8.76x6.48mm for Toroi		LCP			UL 94-V0, Class F
SMD Base 10x9.5x3.5mm 3+3 Pins		Phenolic PM9630	2.5mm		
SMD Base 14.6X17.78mm		PPS			UL 94-V0, Class F
SMD Base 16.51X19.05MM		PPS			UL 94-V0, Class F
SMD Base 19.8X22.7MM		PPS			UL 94-V0, Class F
SMD Base 2.8X3.8mm 5P		Phenolic-PM9630			UL 94-V0, Class F
SMD Base 2.8X3.8mm 6P		Phenolic-PM9630			UL 94-V0, Class F
SMD Base 4.0X5.8mm 8P		Phenolic-PM9630			UL 94-V0, Class F
SMD Base 4.27X2.6MM		DAP			UL 94-V0, Class F
SMD Base 5.5X5.7MM		LCP			UL 94-V0, Class F
SMD Base 6.0X6.0mm of LCP Material		LCP			UL 94-V0, Class F
SMD Base 6.0X6.0mm with shorter Pins		LCP			UL 94-V0, Class F
SMD Base 7.0X7.0MM		LCP			UL 94-V0, Class F

Part number	Pins	Material	Pin dist.	Row dist.	Rating
SMD Base 7.0X7.0mm		LCP			UL 94-V0, Class F
SMD Base 7.0X7.0mm Thinner one		LCP			UL 94-V0, Class F
SMD Base 7.0X7.0mm with shorter pins		LCP			UL 94-V0, Class F
SMD Base DG106-5		Phenolic			UL 94-V0, Class F
SMD Base DG107-6		DAP(Black)			UL 94-V0, Class F
SMD Base DG148-4		Phelonic (Black)			UL 94-V0, Class F
SMD Base DG150-10		DAP			UL 94-V0, Class F
SMD Base DG152-6		DAP(Black)			UL 94-V0, Class F
SMD BASE DG161-5		Phenolic PM9630			UL 94-V0, Class F
SMD BASE DG166-4		DAP(Black)			UL 94-V0, Class F
SMD Base DG166-6		DAP(Black)			UL 94-V0, Class F
SMD Base DG170-8		DAP			UL 94-V0, Class F
SMD Base DG176-2		LCP (Black)			UL 94-V0, Class F
SMD Base DG186-2		LCP (Black)			UL 94-V0, Class F
SMD BASE DG216-4		LCP(Black)			UL 94-V0, Class F
SMD BASE DG226-2		LCP(Black)			UL 94-V0, Class F
SMD Base DG240-5		Phenolic (Black)			UL 94-V0, Class F
SMD Base DG241-6		Phenolic (Black)			UL 94-V0, Class F
SMD Base DG255-4		DAP (Black)			UL 94-V0, Class F
SMD Base DG260-4		DAP (Black)			UL 94-V0, Class F
SMD Base DG270-06		LCP (Natural)			UL 94-V0, Class F
SMD Base DG281-8		DAP (Black)			UL 94-V0, Class F
SMD Base DG309-8		LCP (Black)			UL 94-V0, Class F
SMD Base DG346-2		LCP(Black)			UL 94-V0, Class F
SMD Base DG360-4		DAP (Black)			UL 94-V0, Class F
SMD Base DG366-6		DAP (Black)			UL 94-V0, Class F
SMD Base DG376-8		DAP (Black)			UL 94-V0, Class F
SMD Base DG386-2		LCP (Black)			UL 94-V0, Class F
SMD Base DG391-8		DAP (Black)			UL 94-V0, Class F
SMD Base DG396-4		LCP(Black)			UL 94-V0, Class F
SMD Base DG416-2		LCP(Black)			UL 94-V0, Class F
SMD Base DG420-6		LCP E4008			
SMD Base DG516-2		LCP(Black)			UL 94-V0, Class F
SMD Base DG526-02		Phelonic (Black)			UL 94-V0, Class F
SMD Base DG550-4		DAP			
SMD Base DG581-12		DAP (Black)			UL 94-V0, Class F
SMD Base DG581-8		DAP (Black)			UL 94-V0, Class F
SMD Base DG765-8		Phenolic PM9630			
SMD Base DG880-10		DAP (Black)			UL 94-V0, Class F
SMD BASE DR10 2PAD		LCP			UL 94-V0, Class F
SMD Base DR5.4		LCP			UL 94-V0, Class F
SMD Base DR507		LCP			UL 94-V0, Class F
SMD Base DR8.6		LCP			UL 94-V0, Class F
SMD Base DR8.6L		LCP			UL 94-V0, Class F
SMD Base DRH124 4 Pad		LCP			UL 94-V0, Class F
STM Base DG50HCC-04		PPS			UL 94-V0
STM Base DG50LCC-04		PPS			UL 94-V0
Surface Toroid Mount DG056-6		PPS			UL 94-V0

Part number	Pins	Material	Pin dist.	Row dist.	Rating
Surface Toroid Mount DG198-06		LCP (Natural)			UL 94-V0, Class F
Surface toroid Mount DG20LC-02		PPS			UL 94-V0
Surface toroid Mount DG30LC-02		PPS			UL 94-V0
Surface Toroid Mount DG37LC-02		PPS			UL 94-V0
Surface toroid Mount DG37LCC-04		PPS			UL 94-V0
Surface toroid Mount DG40LCC-04		LCP/PPS			UL 94-V0
Surface Toroid Mount DG460-4		DAP (Black)			UL 94-V0, Class F
Surface Toroid Mount DG560-4		DAP (Black)			UL94-V0, Class F
Surface Toroid Mount DG80HCC-04		PPS			UL 94-V0

Other (3 parts)

Part number	Pins	Material	Pin dist.	Row dist.	Rating
Case for T14x9x5mm Toroidal core or coil		PBT			UL 94-V0
Case for T25x15x13mm Toroidal core		PBT/PET			UL 94-V0
Case for T31x19x13mm Toroidal core		PBT			UL 94-V0