

# SH-IGT-20 SERIES VERTICAL/HORIZONTAL /BASE MOUNT TOROIDAL COILS



Additional information:

We reserve the right to make technical changes or modify the contents of this document without prior notice.

SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.

We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them. New approvals may be required.

## FEATURES:

- High saturation material
- Wide inductance range
- High current capability
- Long term stability
- High reliability
- Low DC resistance
- Packaging :Bulk is standard
- Tolerance:20% is standard, tighter tolerances available
- Mounting:(V)ertical is standard, (H)orizontal available
- Inductance :Optional request available
- Switching Regulators
- Automotive Systems
- Power Amplifiers
- Power Supplies
- SCR and Triac Controls
- Speaker Crossover Networks
- EMI/RFI suppression
- Filters

## TECHNICAL INFORMATION:

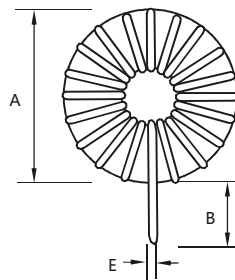
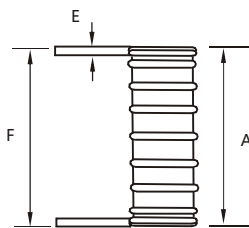
- Testing: (Equivalent acceptable)
- Inductance:Measured at 1kHz 0.1V HP4284A
- RDC:QuadTech 1880 Milliohmmeter
- IDC Max:Losers inductance by 10%
- Temperature range: -55°C to +125°C
- 55°C to +85°C at full rated current
- Mounting:Add (V),(H) as Suffix to Part Number

Note:

All specifications subject to change without notice.

## STANDARD SPECIFICATIONS:

Part Number	L μH	IDC Max A	RDC Ω Max	A Max	B Typical	C Ref	D Typical	E Typical	F Typical
SH-IGT-20-200M-1 (A)	20	1.0	.062	.350	.500	.220	.250	.013	.325
SH-IGT-20-200M-2 (A)	20	2.0	.029	.500	.500	.240	.300	.020	.460
SH-IGT-20-200M-5 (A)	20	5.0	.020	.940	.500	.570	.640	.032	.876
SH-IGT-20-500M-1 (A)	50	1.0	.061	.600	.500	.300	.340	.020	.560
SH-IGT-20-500M-2 (A)	50	2.0	.025	.850	.500	.450	.500	.032	.786
SH-IGT-20-500M-5 (A)	50	5.0	.021	1.250	.500	.675	.750	.040	1.210
SH-IGT-20-500M-7 (A)	50	7.0	.013	1.500	.500	.575	.650	.051	1.398
SH-IGT-20-500M-10 (A)	50	10.0	.016	1.800	.500	.700	.775	.051	1.698
SH-IGT-20-101M-1 (A)	100	1.0	.085	.620	.500	.425	.475	.020	.580
SH-IGT-20-101M-2 (A)	100	2.0	.040	.950	.500	.600	.640	.032	.886
SH-IGT-20-101M-5 (A)	100	5.0	.028	1.500	.500	.575	.629	.040	1.420
SH-IGT-20-151M-5 (A)	150	5.0	.042	1.750	.500	.680	.750	.040	1.670
SH-IGT-20-251M-1 (A)	250	1.0	.168	.800	.500	.450	.475	.018	.764
SH-IGT-20-251M-2 (A)	250	2.0	.070	1.250	.500	.675	.725	.032	1.186
SH-IGT-20-501M-1 (A)	500	1.0	.276	.925	.500	.570	.600	.018	.889
SH-IGT-20-501M-2 (A)	500	2.0	.147	1.450	.500	.550	.575	.025	1.400



Dimensions:Inches