

SH-IGT-10 SERIES VERTICAL/BASE MOUNT TOROIDAL COILS



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)orizontatl available
 - Inductance :Optional request available

TECHNICAL INFORMATION:

- Testing: (Equivalent acceptable)
- Inductance:Measured at 1kHz 0.1V HP4284A
- RDC:QuadTech 1880 Milliohmmer
- 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.



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.

- Switching Regulators
- Automotive Systems
- Power Amplifiers
- Power Supplies
- SCR and Triac Controls
- Speaker Crossover Networks
- EMI/RFI suppression
- Filters

STANDARD SPECIFICATIONS:

Part Number	L μH	IDC Max A	RDC Ω Max	Lead Dia	L ±0.75	P Max	N Max	A ±0.10	B ±0.10	C Max	D Typical	E Typical	F Typical
SH-IGT-10-5R0M	5	2.5	.03	.020	.425	.550	.250	.340	.580	.640	.290	.110	.25
SH-IGT-10-250M	25	2.5	.04	.020	.425	.550	.250	.340	.580	.640	.290	.110	.25
SH-IGT-10-500M	50	2.5	.07	.020	.425	.640	.330	.450	.650	.730	.325	.150	.25
SH-IGT-10-101M	100	2.5	.10	.020	.425	.840	.340	.450	.830	.940	.415	.150	.25
SH-IGT-10-350M	35	2.5	.04	.025	.425	.640	.340	.450	.650	.730	.325	.150	.25
SH-IGT-10-700M	70	3.0	.05	.025	.425	.860	.360	.450	.830	.960	.415	.150	.25
SH-IGT-10-14.51M	145	3.0	.09	.025	.425	.970	.470	.600	.950	1.060	.475	.225	.25
SH-IGT-10-28.51M	285	3.0	.14	.025	.925	1.210	.550	.700	1.250	1.300	.625	.250	.25
SH-IGT-10-451M	450	3.0	.20	.025	.925	1.490	.580	-	-	-	-	-	-
SH-IGT-10-101M	100	3.5	.04	.032	.425	.950	.500	.600	.950	1.060	.475	.225	.25
SH-IGT-10-16.51M	165	4.0	.07	.032	.925	1.230	.560	.700	1.250	1.330	.625	.250	.25
SH-IGT-10-271M	270	4.0	.10	.032	.925	1.530	.590	-	-	-	-	-	-
SH-IGT-10-400M	40	4.0	.03	.032	.425	.840	.380	.450	.830	.940	.415	.150	.25
SH-IGT-10-101M	100	5.0	.04	.042	.925	1.240	.600	.700	1.250	1.370	.625	.250	.25
SH-IGT-10-171M	170	5.0	.05	.042	.925	1.480	.600	-	-	-	-	-	-
SH-IGT-10-550M	55	5.0	.02	.042	.425	1.00	.510	.600	.950	1.070	.475	.225	.25
SH-IGT-10-950M	95	7.0	.03	.051	.925	1.510	.620	-	-	-	-	-	-0
SH-IGT-10-550M-7(A)	55	7.0	.02	.051	.925	1.300	.610	.700	1.250	1.440	.625	.250	.25
SH-IGT-10-550M-10(A)	55	10.0	.02	.064	.925	1.540	.650	-	-	-	-	-	-
SH-IGT-10-251M	250	10.0	.20	.020	.425	.840	.340	.450	.830	.960	.415	.150	.25

