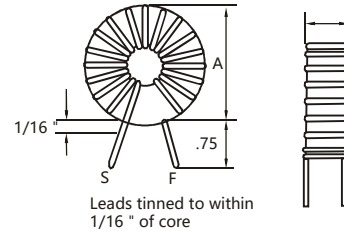


SH-IMT-01 SERIES VERTICAL/HORIZONTAL TOROIDAL COILS



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)orizonta! 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.



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.

STANDARD SPECIFICATIONS:

Part Number	L μH	IDC Max A	RDC Ω Max	Din E
SH-IMT-01-50M	5.0	.50	.007	7.5×4.5
SH-IMT-01-80M	8.0	2.0	.017	14.5×7.0
SH-IMT-01-100M	10.0	2.0	13.0	12.0×7.0
SH-IMT-01-150M	15.0	2.0	.023	15.5×7.5
SH-IMT-01-200M	20.0	3.0	.021	17.5×9.0
SH-IMT-01-240M	24.0	1.0	.055	13.5×6.0
SH-IMT-01-250M	25.0	5.0	.016	24.0×10.5
SH-IMT-01-290M	29.0	4.0	.020	21.0×11.0
SH-IMT-01-300M-2(A)	30.0	2.0	.035	17.0×8.5
SH-IMT-01-300M-10(A)	30.0	10.0	.009	36.0×19.5
SH-IMT-01-350M-3(A)	35.0	3.0	.026	20.5×10.5
SH-IMT-01-350M-10(A)	35.0	10.0	.010	36.0×19.5
SH-IMT-01-430M-1(A)	43.0	1.0	.074	14.5×7.0
SH-IMT-01-430M-3(A)	43.0	3.0	.030	23.0×9.5
SH-IMT-01-500M	50.0	5.0	.022	26.5×12.5
SH-IMT-01-600M	60.0	3.0	.038	18.0×10.0
SH-IMT-01-680M-1(A)	68.0	1.0	.095	13.5×6.5
SH-IMT-01-680M-7(A)	68.0	7.0	.021	34.0×18.0
SH-IMT-01-750M-3(A)	75.0	3.0	.039	25.5×11.0
SH-IMT-01-750M-10(A)	75.0	10.0	.014	42.0×19.5
SH-IMT-01-820M-3(A)	82.0	3.0	.042	24.5×10.5
SH-IMT-01-820M-5(A)	82.0	5.0	.033	31.5×15.5
SH-IMT-01-820M-7(A)	82.0	7.0	.023	34.5×18.0
SH-IMT-01-900M-3(A)	90.0	3.0	.044	20.5×12.5
SH-IMT-01-900M-5(A)	90.0	5.0	.034	29.5×15.5
SH-IMT-01-101M-2.5(A)	100.0	2.0	.081	17.0×9.0
SH-IMT-01-101M-5(A)	100.0	5.0	.033	26.5×12.5
SH-IMT-01-101M-5(A)	100.0	5.0	.036	33.5×17.0

Part Number	L μH	IDC Max A	RDC Ω Max	Din E
SH-IMT-01-111M-2(A)	110.0	2.0	.069	19.5×10.0
SH-IMT-01-111M-2(A)	110.0	2.0	.074	25.0×10.0
SH-IMT-01-111M-4(A)	110.0	4.0	.042	23.5×11.0
SH-IMT-01-131M-1(A)	130.0	1.0	.146	19.0×9.0
SH-IMT-01-131M-3(A)	130.0	3.0	.055	23.0×10.5
SH-IMT-01-131M-3(A)	130.0	3.0	.061	29.0×13.0
SH-IMT-01-131M-7(A)	130.0	7.0	.031	41.0×18.0
SH-IMT-01-141M-1(A)	140.0	1.0	.140	15.0×7.5
SH-IMT-01-141M-3(A)	140.0	3.0	.064	28.0×14.5
SH-IMT-01-151M-1(A)	150.0	1.0	.159	21.5×7.5
SH-IMT-01-151M-4(A)	150.0	4.0	.053	32.5×16.5
SH-IMT-01-151M-5(A)	150.0	5.0	.042	27.0×13.5
SH-IMT-01-201M-2(A)	200.0	2.0	.114	28.0×14.0
SH-IMT-01-201M-3(A)	200.0	3.0	.078	31.0×16.0
SH-IMT-01-201M-5(A)	200.0	5.0	.056	39.0×17.0
SH-IMT-01-221M-1(A)	220.0	1.0	.190	16.5×8.0
SH-IMT-01-221M-4(A)	220.0	4.0	.059	26.5×13.0
SH-IMT-01-251M	250.0	10.0	.027	42.5×21.5
SH-IMT-01-271M	270.0	3.0	.081	26.0×12.0
SH-IMT-01-301M	300.0	3.0	.142	31.5×15.5
SH-IMT-01-301M	300.0	2.0	.064	30.0×15.5
SH-IMT-01-391M	390.0	5.0	.088	29.5×15.0
SH-IMT-01-451M	450.0	4.0	.174	28.0×14.0
SH-IMT-01-501M	500.0	2.0	.124	29.0×14.0
SH-IMT-01-681M	680.0	3.0	.105	39.0×18.5
SH-IMT-01-781M	780.0	5.0	.225	28.5×13.5
SH-IMT-01-851M	850.0	2.0	.211	32.5×16.5
SH-IMT-01-961M	960.0	2.0	.438	25.0×11.0