

SH-R SERIES HIGH CURRENT VERTICAL/HORIZONTAL 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 whatsoever 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 Milliohm meter
- 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

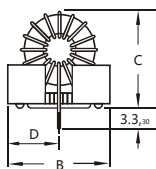
Note:

All specifications subject to change without notice.

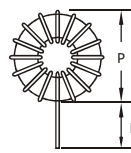
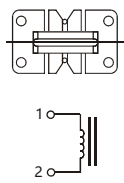
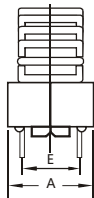
STANDARD SPECIFICATIONS:

Part Number	Inductance (μH)	I Rated (A)	Dia. (mm)	Width (mm)	Wire (AWG)	Klip Mount	Part Number	Inductance (μH)	I Rated (A)	Dia. (mm)	Width (mm)	Wire (AWG)	Klip Mount
SH-R30-100M	10	2.5	10.5	5.5	24	KM-1	SH-R80-250M	25	6.0	28.0	9.5	16	-
SH-R44-100M	10	3.0	14.2	8.5	20	KM-2	SH-R80-101M	100	5.0	25.0	12.0	18	KM-4
SH-R44-121M	120	1.1	14.2	7.5	23	KM-2	SH-R80-251M	250	3.0	25.0	12.0	20	-
SH-R44-102M	1000	.50	14.2	6.0	30	KM-2	SH-R80-961M	960	1.0	24.0	11.0	25	KM-4
SH-R50-5R0M	5.0	5.0	15.2	9.5	18	-	SH-R80-822M	8200	1.0	28.0	10.0	20	-
SH-R50-100M	10	3.0	16.5	8.5	18	KM-3	SH-R94-100M	10	5.0	27.9	12.7	17	KM-5
SH-R50-250M	25	2.5	13.5	6.5	23	KM-3	SH-R94-251M	250	5.0	29.0	10.0	18	KM-5
SH-R50-101M	100	2.0	15.5	8.5	22	KM-3	SH-R94-501M	500	6.0	29.0	15.5	16	KM-5
SH-R50-251M	250	1.0	16.0	8.0	24	KM-3	SH-R94-751M	750	4.5	30.5	12.7	19	KM-5
SH-R50-331M	330	1.0	16.5	9.0	26	-	SH-R94-102M	1000	4.0	29.2	15.0	20	KM-5
SH-R60-250M	25	2.5	17.7	8.8	24	KM-3	SH-R106-500M	50	7.0	33.0	16.0	15	-
SH-R67-500M	50	5.5	22.0	11.0	18	KM-4	SH-R106-101M	100	5.0	33.5	17.5	16	-
SH-R67-101M	100	5.0	21.0	13.0	18	KM-4	SH-R106-201M	200	3.0	32.0	14.0	22	-
SH-R67-100M	10	2.5	20.0	7.5	23	KM-4	SH-R106-471M	470	6.0	35.0	21.0	16	-
SH-R68-250M	25	6.0	20.8	8.2	18	KM-4	SH-R130-121M	120	10.0	42.0	21.0	12	-
SH-R68-500M	50	5.0	21.0	8.2	18	KM-4	SH-R130-251M	250	8.0	40.0	20.0	14	-
SH-R68-251M	250	3.0	22.0	10.0	19	-	SH-R130-561M	560	5.0	36.8	22.2	18	-
SH-R72-102M	1000	1.0	21.5	9.0	21	KM-4	SH-R141-100M	10	10.0	44.0	18.0	12	-
SH-R77-501M	500	2.0	23.7	11.0	22	-							

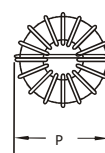
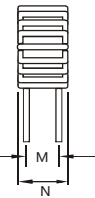
Please specify (V) for vertical or (H) for horizontal. (-)



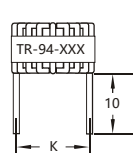
Standard Package



Vertical Package



Low profile Package



Klip Mount	A Max	B Max	C Max	D Typical	E Typical
Km1	8.7	14.8	16.5	7.37	5.6
Km2	11.5	16.5	17.8	8.26	7.6
Km3	11.5	21.5	24.5	10.54	7.6
Km4	15.5	24.6	28.0	12.07	11.5
Km5	17.8	33.5	35.5	15.88	12.7

All dimension in mm