

SH-RF SERIES 1814 2317 2620 3525 3523 THROUGH-HOLE TOROIDAL COMMON MODE CHOKES



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:

- 0.3A to 10A ratings
- 0.7mH to 100mH dual chokes
- Excellent Mechanical Strength
- 100KHz to 3MHz common mode resonance
- High Reliability and variant PCB-mount housing
- Low resistance and temperature rise

- Bulk packaging is standard
- Custom design available

- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Computer Peripheral Equipment It accord with the standards of FCC VCCI CISPR FTZ,etc, eliminating of electromagnetic noise of power and signal circuit.

TECHNICAL INFORMATION:

- Inductance tolerance in +50% -30%
- Max operating voltage:250V at 40jæ
- IDC Max: rating AC/DC current A @40jæ
- Hi-Pot 2500Vac winding to winding 3S.
- Inductance Testing: 10KHz 0.1V HP4284A
- RDC:QuadTech 1880 Milliohmometer
- Surge current Max 10ms: 20X IDC
- Operating temperature: -40°C to +105°C
- Storage Temperature: -40°C to +105°C
- Resistance to soldering heat:260°C for 10 seconds
- Marking: Part number and date code

Note:

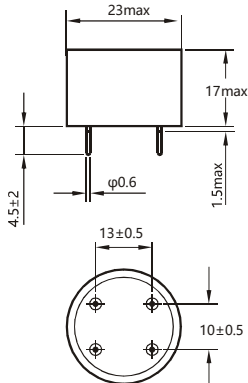
All specifications subject to change without notice.

STANDARD SPECIFICATIONS:

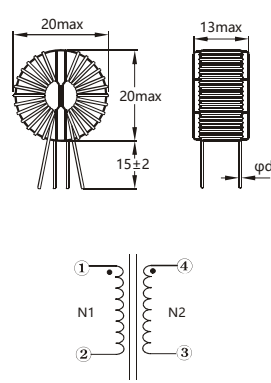
Part Number	Inductance L mH	DCR mΩ Max	IDC Max A	Φd (mm)
SH-RF1814-402Y	4.0	200	1.5	0.51
SH-RF1814-202Y	2.2	100	1.5	0.51
SH-RF1814-102Y	1	120	1.5	0.51
SH-RF1814-102Y	1	75	1	0.41
SH-RF2317-102Y	1.0	120	2.5	0.6
SH-RF2317-801Y	0.8	120	2.5	0.6
SH-RF2317-601Y	0.6	110	2.5	0.6
SH-RF2317-401Y	0.4	100	2.5	0.6
SH-RF2317-201Y	0.2	80	2.5	0.6
SH-RF2620-602Y	6.0	160	1.5	0.51
SH-RF2620-452Y	4.5	150	2	0.53
SH-RF2620-232Y	2.3	100	3	0.69
SH-RF2620-202Y	2	50	4	0.75
SH-RF2620-102Y	1.2	60	5	0.8
SH-RF2620-102Y	1	25	6	0.9
SH-RF2620-601Y	0.6	10	9	1.0
SH-RF2620-301Y	0.3	8	10	1.2
SH-RF3525-303Y	30	220	3.0	0.8
SH-RF3525-143Y	14	220	3.5	0.8

Part Number	Inductance L mH	DCR mΩ Max	IDC Max A	Φd (mm)
SH-RF3525-103Y	10	180	3.5	0.8
SH-RF3525-802Y	8	110	3.5	0.8
SH-RF3525-532Y	5.3	100	4.5	0.8
SH-RF3525-452Y	4.5	50	4	1.0
SH-RF3525-402Y	4	40	8	1.1
SH-RF3525-302Y	3	80	6	0.9
SH-RF3525-232Y	2.3	50	5	0.8
SH-RF3525-102Y	1	20	10	1.3
SH-RF3525-701Y	0.7	8	12	1.5
SH-RF3525-201Y	0.2	6	18	1.8
SH-RF3523-852Y	8.5	110	3	0.8
SH-RF3523-702Y	5	90	5	0.8
SH-RF3523-502Y	2.3	50	3.3	0.8
SH-RF3523-402Y	2	22	6.5	1.0
SH-RF3523-302Y	1.2	21	10	1.3
SH-RF3523-232Y	0.5	5	18	1.8
SH-RF3523-202Y	10	280	2	0.53
SH-RF3523-122Y	7	230	2.5	0.60
SH-RF3523-501Y	3	100	4	0.70

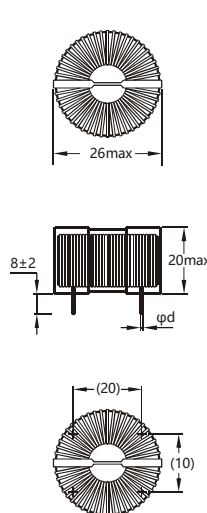
SH-RF2317



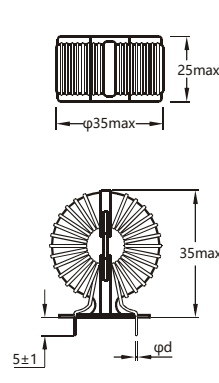
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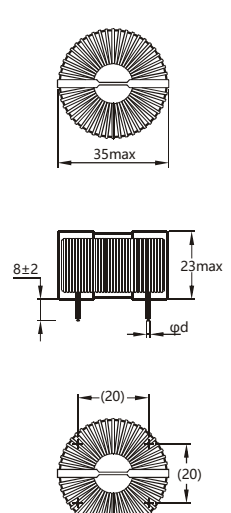
SH-RF2620



SH-RF3525



SH-RF3523



DIMENSIONS IN:mm