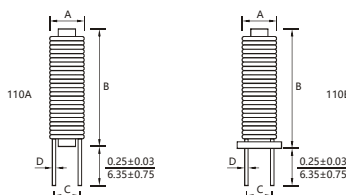
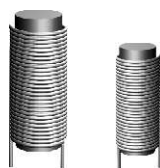


SH-RH-110A&B SERIES THROUGH-HOLE RADIAL ROD CORE POWER INDUCTOR



All Dimension in inches/mm



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
- Polyolefin Shrink Tubing
- Low DC Resistance
- High Reliability Low cost
- Bulk Packaging is standard
- Custom Design Available
- Switching Regulators
- RFI Suppression Filters
- SCR and TRIAC Controls
- Automotive Systems

TECHNICAL INFORMATION:

- Testing: (Equivalent acceptable)
Inductance: HP4284A
RDC: QuadTech 1880 Milliohmmer
Q- HP4342A - SRF-HP4191A
IDC Max is decreased 10% against its initial value
- Operating temperature: -40°C to +105°C
- Storage Temperature: -40°C to +105°C
- Solder methods: Vapor Phase, Infrared Reflow
- Resistance to soldering heat: 260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E
- Marking: Inductance & Tolerance

Note: All specifications subject to change without notice

STANDARD SPECIFICATIONS:

Part Number SH-RH-110A & B	L (μH)	IDC (A)	RDC (ΩMax)	A Max	B Max	C ±0.015/0.38	D ±0.004/0.10
SH-RH-110A-1R0L-25	1	25	0.002	0.60/15.2	0.68/17.3	0.42/10.7	0.068/1.73
SH-RH-110A-1R0L-10	1	10	0.002	0.50/12.7	0.75/19.1	0.42/10.7	0.054/1.37
SH-RH-110A-3R3L-10	3.3	10	0.005	0.5/12.7	1.0/25.4	0.42/10.7	0.054/1.37
SH-RH-110A-4R7L-03	4.7	3	0.021	0.51/13.0	0.75/19.1	0.42/10.7	0.035/0.89
SH-RH-110A-4R7L-05	4.7	5	0.012	0.50/12.7	0.75/19.1	0.42/10.7	0.042/1.07
SH-RH-110A-4R7L-10	4.7	10	0.012	0.50/12.7	1.0/25.4	0.42/10.7	0.054/1.37
SH-RH-110A-4R7L-20	4.7	20	0.004	0.53/13.5	1.2/30.5	0.42/10.7	0.068/1.73
SH-RH-110A-100K-03	10	3	0.023	0.50/12.7	0.75/19.1	0.42/10.7	0.035/0.89
SH-RH-110A-100K-05	10	5	0.017	0.50/12.7	0.75/19.1	0.42/10.7	0.042/1.07
SH-RH-110A-100K-10	10	10	0.015	0.52/13.2	1.0/25.4	0.42/10.7	0.054/1.37
SH-RH-110A-100K-20	10	20	0.006	0.75/19.1	1.8/45.7	0.60/15.2	0.075/1.91
SH-RH-110A-150K-03	15	3	0.025	0.50/12.7	1.0/25.4	0.42/10.7	0.035/0.89
SH-RH-110A-150K-10	15	10	0.020	0.52/13.2	1.0/25.4	0.42/10.7	0.054/1.37
SH-RH-110A-220K-03	22	3	0.035	0.50/12.7	1.0/25.4	0.42/10.7	0.035/0.89
SH-RH-110A-220K-05	22	5	0.023	0.50/12.7	1.0/25.4	0.42/10.7	0.042/1.07
SH-RH-110A-220K-10	22	10	0.015	0.66/16.8	1.3/33.0	0.42/10.7	0.060/1.52
SH-RH-110A-270K-05	27	5	0.024	0.50/12.7	1.0/25.4	0.49/12.5	0.042/1.07
SH-RH-110A-330K-12	33	12	0.017	0.70/17.8	1.3/33.0	0.55/14.0	0.060/1.52
SH-RH-110A-470K-03	47	3	0.050	0.55/14.0	1.0/25.4	0.42/10.7	0.035/0.89
SH-RH-110A-470K-05	47	5	0.035	0.65/16.5	1.1/28.0	0.70/17.8	0.042/1.07
SH-RH-110A-470K-10	47	10	0.022	0.85/21.8	1.3/33.0	0.70/17.8	0.060/1.52
SH-RH-110A-820K-03	82	3	0.110	0.50/12.7	0.65/16.5	0.375/9.5	0.028/0.71
SH-RH-110A-101K-01	100	1	0.190	0.40/10.2	0.90/22.9	0.30/7.6	0.020/0.51
SH-RH-110A-101K-03	100	3	0.072	0.55/14.0	1.2/30.5	0.70/17.8	0.035/0.89
SH-RH-110A-101K-05	100	5	0.055	0.65/16.5	1.3/33.0	0.70/17.8	0.042/1.07
SH-RH-110A-151K-03	150	3	0.140	0.60/15.2	1.2/30.5	0.43/10.9	0.028/0.71
SH-RH-110A-151K-05	150	5	0.065	0.65/16.5	1.3/33.0	0.70/17.8	0.042/1.07
SH-RH-110A-181K-05	180	5	0.110	0.65/16.5	1.3/33.0	0.70/17.8	0.042/1.07
SH-RH-110A-221K-03	220	3	0.210	0.55/14.0	1.2/30.5	0.42/10.7	0.025/0.64
SH-RH-110A-271K-04	270	4	0.250	0.95/24	0.72/18.3	0.71/18	0.030/0.76
SH-RH-110A-271K-10	270	10	0.160	1.1/28	1.0/25.4	0.72/18.3	0.038/0.97
SH-RH-110A-391K-03	390	3	0.250	1.1/28	1.0/25.4	0.72/18.3	0.035/0.89
SH-RH-110A-391K-05	390	5	0.190	1.1/28	1.0/25.4	0.72/18.3	0.038/0.97

Note: 1. K=±10%, M=±20%, N=±30%