

SURFACE-MOUNT TOROID CHOKES

STR50 SERIES



FEATURES:

- Higher Frequency
- High Saturation Material
- Low EMI Radiation
- Pick and PLace
- Low DC Resistance

COMMON APPLICATIONS:

- Electronic Appliances
- DC – DC Conversion (Paraller Mode)
- Isolation/Coupling(Transformer)
- Input Filter(Serial Mode)
- EMI/RFI Suppression

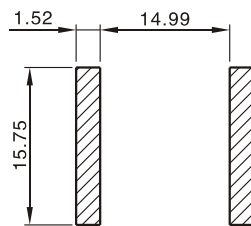
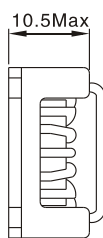
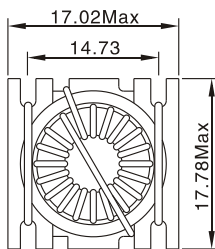
ELECTRICAL CHARACTERISTICS:

Part Number	L μ H 100KHz	SRF MHz TYP	DCR (mΩ) Max	IDC (A) Max
STR50-8/90-100M	10	35	19.7	9.0
STR50-8/90-150M	15	27	32	7.5
STR50-8/90-470M	47	7.0	133	4.3
STR50-8/90-101M	100	3.8	220	2.9
STR50-8/90-152M	1500	0.72	1932	0.76
STR50-18-160M	16	24	19.7	5.4
STR50-18-260M	26	11	32	4.3
STR50-18-730M	73	4.5	133	2.5
STR50-18-151M	150	2.6	220	1.8
STR50-18-202M	2000	0.60	1932	0.50
STR50-52-180M	18	35	19.7	4.4
STR50-52-270M	27	27	32	3.6
STR50-52-101M	100	5.2	133	1.9
STR50-52-221M	220	2.2	220	1.3
STR50-52-272M	2700	0.50	1932	0.37
STR50-M125-330M	33	19	19.7	3.5
STR50-M125-470M	47	16	32	2.8
STR50-M125-151M	150	3.6	133	1.6
STR50-M125-331M	330	2.0	220	1.2
STR50-M125-472M	4700	0.45	1932	0.31

Note:1. K= ± 10%,M= ± 20%,N= ± 30%

TECHNICAL INFORMATION:

PHYSICAL CHARACTERISTICS:



LAND PATTERNS

Winding



- IDC Max:Determined when superimposed
- Inductance test: HP4284A 10KHz 0.1V
- 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.