

SURFACE-MOUNT TOROID CHOKES

STR30 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

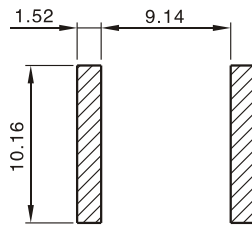
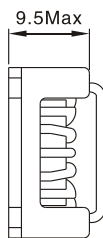
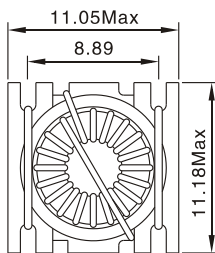
ELECTRICAL CHARACTERISTICS:

Part Number	L μH 100KHz	SRF MHz TYP	DCR (mΩ) Max	IDC (A) Max
STR30-8/90-1R8M	1.8	140	12.0	12
STR30-8/90-3R3M	3.3	110	19.9	10
STR30-8/90-6R8M	6.8	55	47.2	6.5
STR30-8/90-220M	22	15	166	3.5
STR30-8/90-101M	100	5.0	640	1.6
STR30-18-2R7M	2.7	125	12.0	7.4
STR30-18-5R2M	5.2	102	19.9	5.4
STR30-18-120M	12	52	47.2	3.5
STR30-18-350M	35	12	166	2.0
STR30-18-171M	170	4.0	640	0.95
STR30-52-3R6M	3.6	150	12.0	5.0
STR30-52-6R8M	6.8	110	19.9	3.7
STR30-52-150M	15	45	47.2	2.5
STR30-52-470M	47	14	166	1.4
STR30-52-221M	220	4.2	640	0.64
STR30-M125-6R0M	6.0	95	12.0	4.6
STR30-M125-120M	12	75	19.9	3.4
STR30-M125-220M	22	50	47.2	2.4
STR30-M125-820M	82	10	166	1.3
STR30-M125-391M	390	3	640	0.60

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.