

# SURFACE-MOUNT TOROID CHOKES

## STR38 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

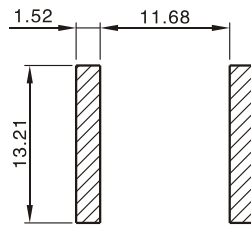
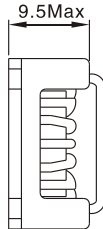
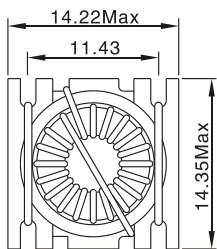
## ELECTRICAL CHARACTERISTICS:

Part Number	L μH 100KHz	SRF MHz TYP	DCR (mΩ) Max	IDC (A) Max
STR38-8/90-1R5M	1.5	133	9.3	18
STR38-8/90-3R3M	3.3	73	18.7	12
STR38-8/90-8R2M	8.2	24	63	7.5
STR38-8/90-270M	27	12	290	4.0
STR38-8/90-101M	100	4.0	657	2.1
STR38-18-3R8M	3.8	133	9.3	8.8
STR38-18-7R5M	7.5	73	18.7	5.8
STR38-18-220M	22	34	63	3.5
STR38-18-730M	73	5.0	290	2.0
STR38-18-291M	290	2.0	657	0.98
STR38-52-4R7M	4.7	133	9.3	6.5
STR38-52-100M	10	62	18.7	4.4
STR38-52-330M	33	25	63	2.4
STR38-52-101M	100	5.0	290	1.4
STR38-52-391M	390	133	657	0.71
STR38-M125-6R8M	6.8	58	9.3	6.2
STR38-M125-150M	15	18	18.7	4.2
STR38-M125-390M	39	4.0	63	2.6
STR38-M126-121M	120	1.2	290	1.6
STR38-M127-471M	470	1.8	657	0.74

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.