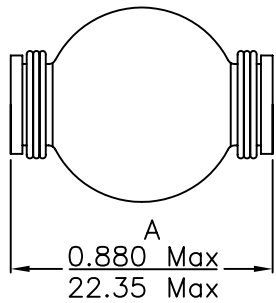
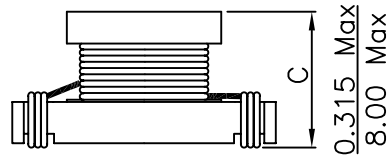
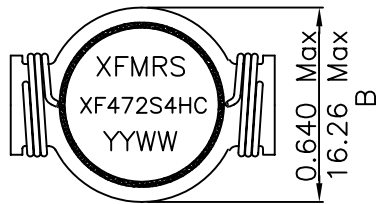
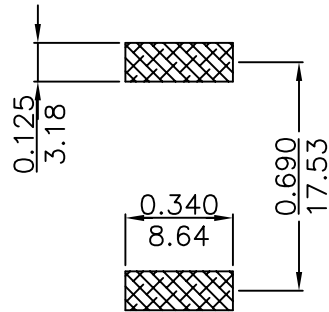


1. Mechanical Dimensions:

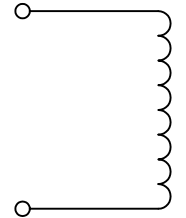


(BOTTOM VIEW)



(SUGGESTED MOUNTING PAD)

2. Schematic:



3. Electrical Specifications:@25°C

- OCL: 4.7uH±20% @100KHz 0.1V
- Inductance: drop 10% Typ at Isat
- DCR: 14 mOhms Max
- SRF: 40 MHz Typ
- Isat: 13A
- Irms: 8.4A, 40°C Temp rise Typ

Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Temperature rating: 155°C. UL file E151556
5. Operating Temperature Range: -40°C to +85°C

DOC. REV A/2

| | | | | |
|-------------------|-----|---|--|----------------|
| XFMRS Inc. | | Title: XFxxxSH4 SERIES INDUCTORS | | |
| | | UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH .xx ±0.25 mm Dimensions in INCH/mm | | P/N: XF472S4HC |
| DWN. | 李小锋 | Apr-26-03 | | |
| CHK. | 廖玉坤 | Apr-26-03 | | |
| APP. | BW | Apr-26-03 | | |