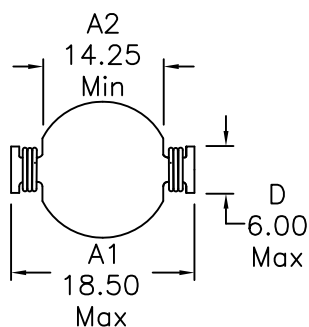
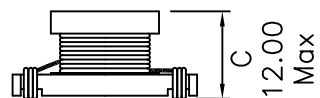
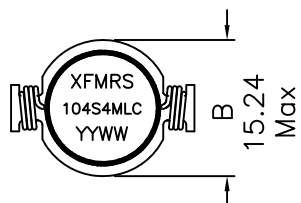
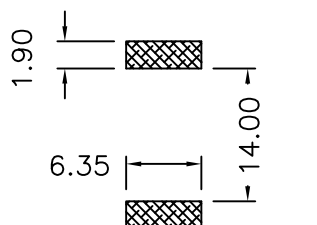


1. Mechanical Dimensions:

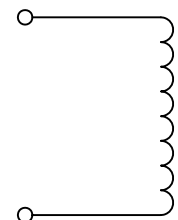


(BOTTOM VIEW)



(SUGGESTED MOUNTING PAD)

2. Schematic:



3. Electrical Specifications:@25°C

INDUCTANCE: 100uH±20% @100KHz 0.1V

Q: tbd @100KHz 0.1V

DCR: 115 mOhms Max

SRF: 6.0MHz Typ

Isat: 5.6Adc (OCL drops 10% Typ)

Irms: 2.8A (Avg current for 40°C rise over ambient)

Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

PRELIMINARY

DOC. REV. A/-

XFMRS Inc. www.XFMRS.com		Title: XFxxxS4MLC SERIES INDUCTORS	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.20 Dimensions in MM		P/N: XF104S4MLC	REV. A
		DWN.	Yuan
		CHK.	YK Liao
SHEET 1 OF 1		APP.	DDC
			Nov-18-14
			Nov-18-14
			Nov-18-14

PROPRIETARY

Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.