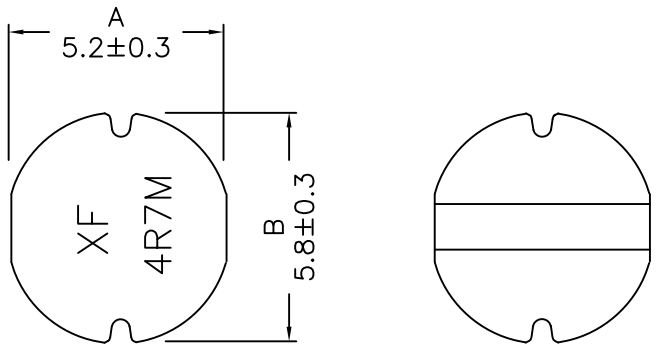
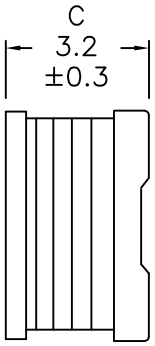
1. Mechanical Dimensions:

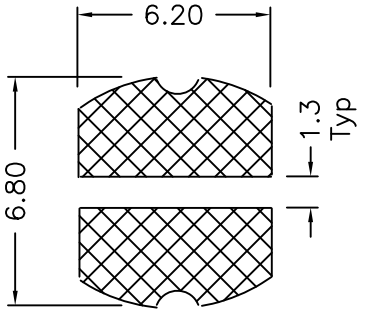


TOP VIEW

BOTTOM VIEW

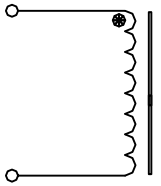


SIDE VIEW



SUGGESTED PAD LAYOUT

2. Schematic:



3. Electrical Specifications:

OCL: 4.7uH±20% @100KHz 0.1V

DCR: 0.045 Ohms Max

Irms: 2.01 Max (Based on 40°C Temp Rise)

Isat: 2.10 Max (Based on 30° drop in OCL)

Q: tbd Typ @100KHz 0.1V

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

DOC REV: A/-

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

XFMRS Inc www.XFMRS.com	Title: XFSDR53 SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in mm	P/N: XFSDR53-4R7M		REV. A
	DWN.	Mei Chen	Jun-27-14
	CHK.	YK Liao	Jun-27-14
SHT 1 OF 1	APP.	DDC	Jun-27-14