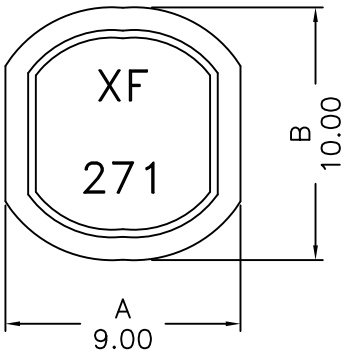
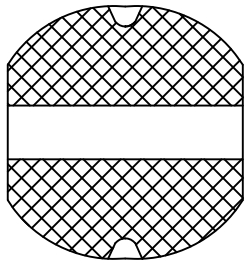
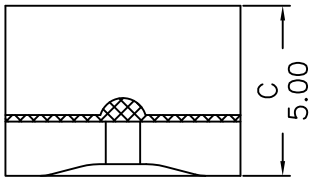
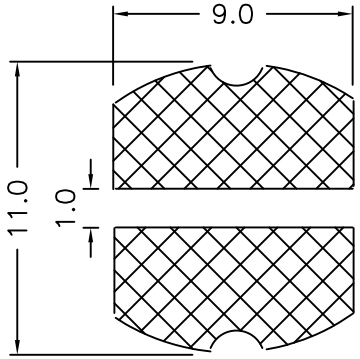
1. Mechanical Dimensions:



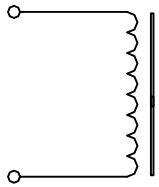






PAD LAYOUT

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 270uH±20% @1.0KHz 1V

Q: 20 Min @100KHz 100mV

DCR: 0.780 Ohms Max

IDC: 0.49Adc Max

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 -20°C to +90°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
11. Recommended IR Reflow peak temp of 250C Max.

XFMRS Inc www.XFMRS.com	Title: XFSDR105SH SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFSDR105SH-271		REV. A
	DWN.	Yuan	Sep-03-13
	CHK.	YK Liao	Sep-03-13
SHEET 1 OF 1	APP.	DDC	Sep-03-13

DOC. REV: A/1

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