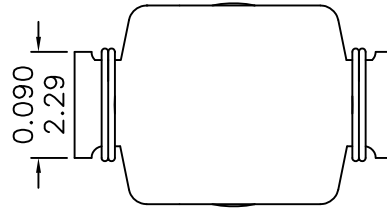
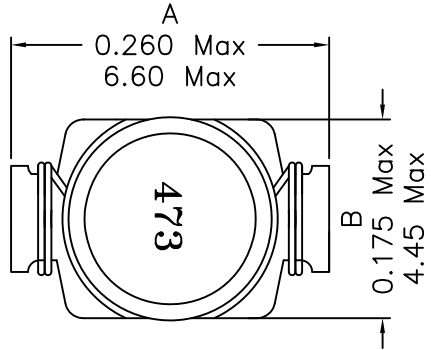
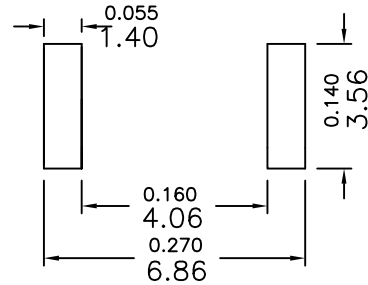
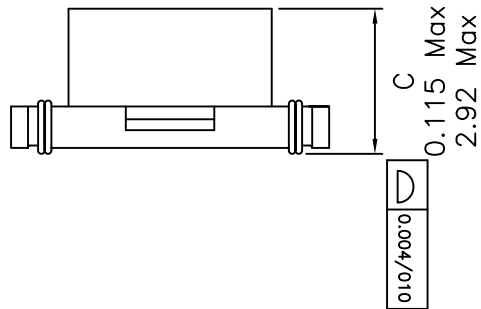


1. Mechanical Dimensions:

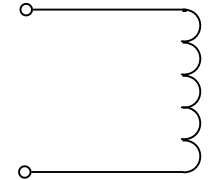


(BOTTOM VIEW)



(SUGGESTED PAD LAYOUT)

2. Schematic:



3. Electrical Specifications:

OCL: $47\mu\text{H} \pm 20\%$ @100KHz 0.1V

DCR: 0.230 Ohms Max

Q: 40 Min @100KHz

SRF: 13MHz Typ

Isat: 0.24Adc (Based on 30%TYP drop in OCL)

Irated: 0.50Adc (Based on 30°C Rise in Temp)

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: $\pm 0.004"$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

XFMRs Inc www.XFMRs.com	Title: Shielded Inductor		
	UNLESS OTHERWISE SPECIFIED	P/N: XFS1MDR1714SH-473	REV. A
TOLERANCES:	DWN.	Yuan	May-12-15
.xxx ± 0.010	CHK.	YK Liao	May-12-15
Dimensions in INCH	APP.	DDC	May-12-15
SHEET 1 OF 1			

DOC REV: A/8

PROPRIETARY

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