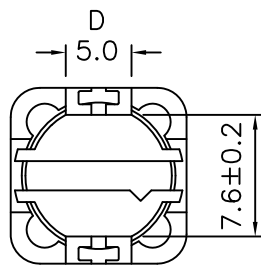
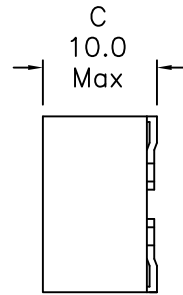
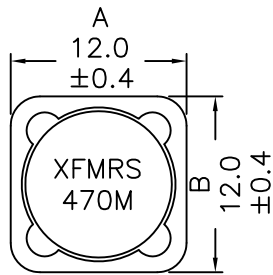
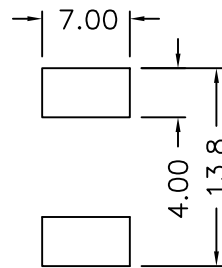


1. Mechanical Dimensions:

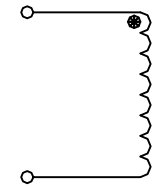


(BOTTOM VIEW)



(SUGGESTED MOUNTING PAD)

2. Schematic:



3. Electrical Specifications:@25°C

OCL: 47.0uH±20% @1KHz 0.25V

Q: 5.0 Min @10KHz 0.1V

DCR: 58.0mOhms Max

Isat: 4.50Adc Max (10% Typ drop in OCL)

Irms: 4.6Adc Max (Based on 40°C Temp Rise)

SRF: 6.00MHz typ.

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/1

XFMRs Inc. www.XFMRS.com		Title: XFTPRH1210 SERIES INDUCTORS	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM		P/N: XFTPRH1210-470M	REV. A
	DWN.	Mei Chen	Aug-26-15
	CHK.	YK Liao	Aug-26-15
SHEET 1 OF 1	APP.	Joe Huff	Aug-26-15

PROPRIETARY

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