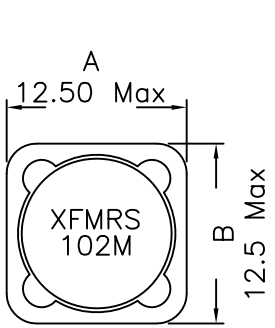
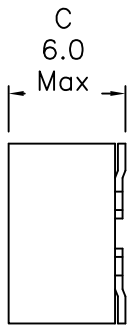
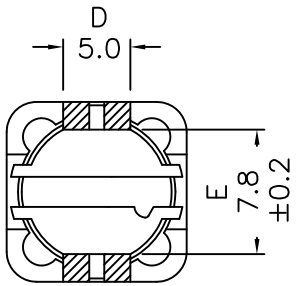
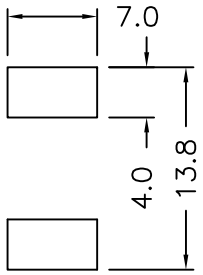
1. Mechanical Dimensions:





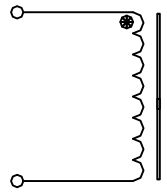
(BOTTOM VIEW)





(SUGGESTED MOUNTING PAD)

2. Schematic:



3. Electrical Specifications:@25°C

OCL: 1008uH±20% @100KHz 0.25V
DCR: 1.69 Ohms Typ
Isat: 0.700Adc Typ (Based on 20% Typ Drop in OCL)
Irms 0.570A Typ (Based on 40°C Temp Rise)
ET Constant: 149V–uS
Q : 8 Min @100KHz 0.25V
SRF : 1MHz Min

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) Max
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/2

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XFMRS Inc. www.XFMRS.com	Title: XFTPRH1205L SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N:XFTPRH1205L–102M		REV. A
	DWN.	Xianyi	Jul–13–17
	CHK.	YK Liao	Jul–13–17
SHEET 1 OF 1	APP.	BSJ	Jul–13–17