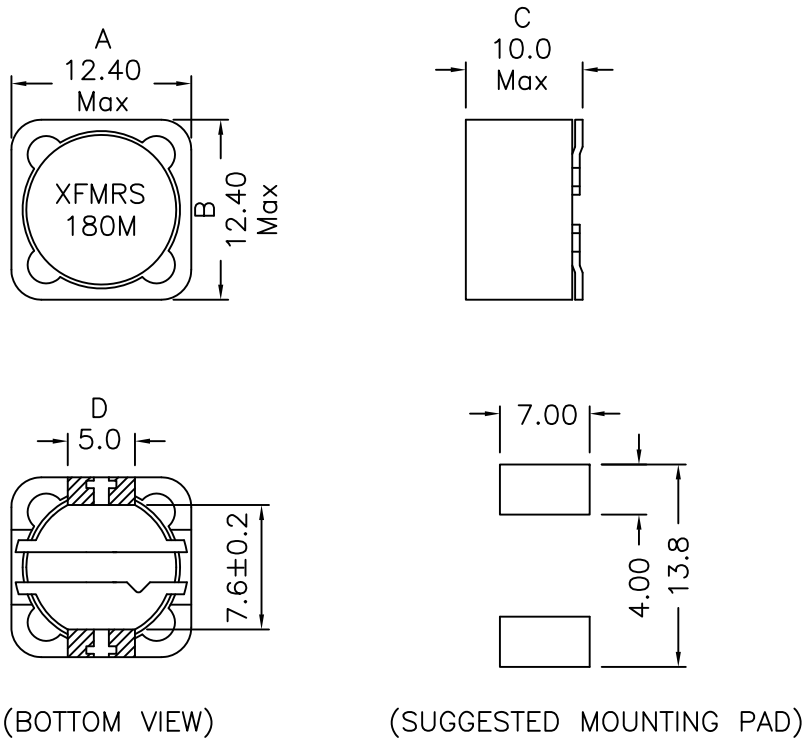
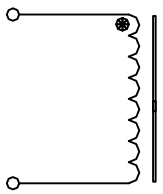
1. Mechanical Dimensions:



(BOTTOM VIEW)

(SUGGESTED MOUNTING PAD)

2. Schematic:



3. Electrical Specifications:@25°C

OCL: 18uH±20% @100KHz 0.1V

Q: 13 Ref @2.52MHz

DCR: 35 mOhms Max

Isat: 5.1A (20% Typ drop in OCL)

Irms: 5.5A (Based on 40°C Typ Temp Rise)

SRF: 8MHz Typ

PRELIMINARY

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. All listed parameters are to be within tolerance from -40°C to +125°C unless otherwise noted.
6. Storage Temperature Range: -40°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. 260°C IR Reflow Compatible

DOC REV A/-

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XFMRS Inc. www.XFMRS.com	Title: XFTPRH1210 SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFTPRH1210-180M		REV. A
	DWN.	Xiang	Sep-23-16
	CHK.	YK Liao	Sep-23-16
SHEET 1 OF 1	APP.	GL	Sep-23-16