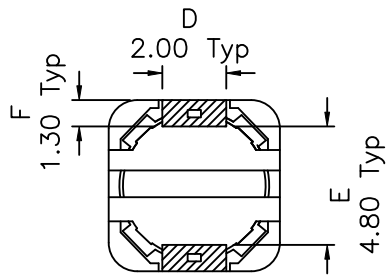
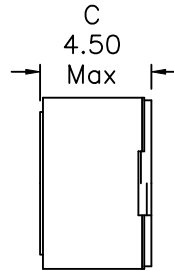
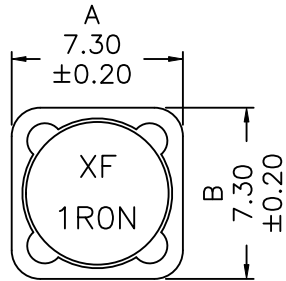
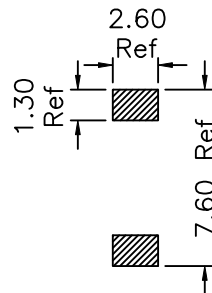


1. Mechanical Dimensions:

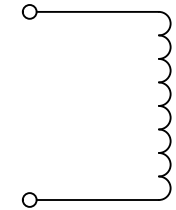


Bottom view



SUGGESTED PAD LAYOUT

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 1.0uH±30% @100KHz 0.25V

Q: tbd Min @100KHz 0.25V

DCR: 12.48 mOhms Max

Isat: 8.9Adc (Based on 10% Typ Drop in OCL)

Irms: 5.2A (Based on 40°C Typ Temp Rise)

SRF: tbd 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)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

PRELIMINARY

DOC. REV: A/1

XFMR5® www.XFMR5.com		Title: SMD Inductor	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM	P/N: XFTPRH74-1RON		REV. A
	DWN.	Feng	Nov-15-24
	CHK.	YK Liao	Nov-15-24
SHT 1 OF 1		APP.	VL Nov-15-24