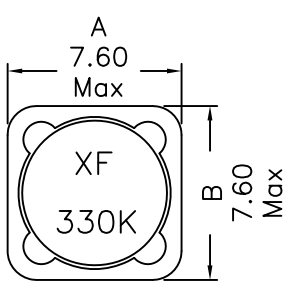
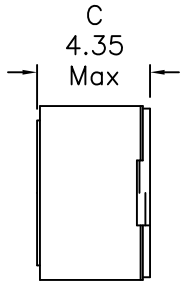
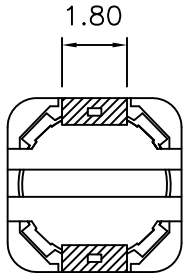
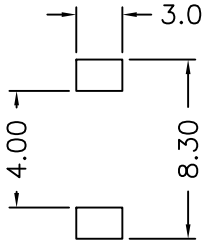
1. Dimensions:





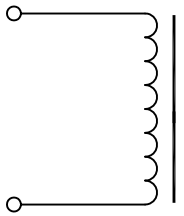


(BOTTOM VIEW)



(SUGGESTED PAD LAYOUT)

2. Schematic:



3. Electrical Specs:

OCL: 33.00uH ±10% @100KHz, 0.25V

Q: 8 Min @100KHz, 0.25V

DC Res.: 0.143 Typ Ohms

Isat: 1.73Adc (Based on 30% Drop in OCL)

Irms: 1.41A (Based on 40°C Temp Rise)

V–uS: 18.1 Typ

SRF: 12 MHz 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/2

XFMRS Inc www.XFMRS.com	Title: SMD Inductor		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM	P/N: XFTPRH74–330K		REV A
	DWN.	Yuan	Feb–27–14
	CHK.	YK Liao	Feb–27–14
Scale 2.5:1 SHT 1 OF 1	APP.	Joe Huff	Feb–27–14

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