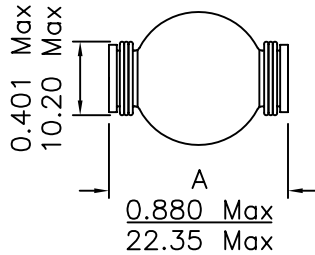
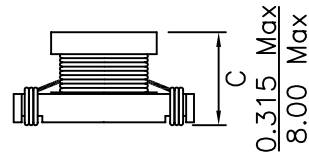
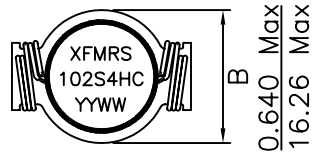
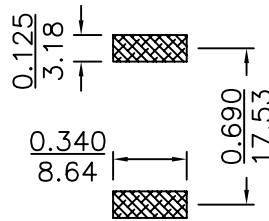


1. Mechanical Dimensions:

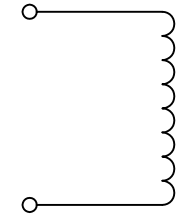


Bottom view



SUGGESTED MOUNTING PAD

2. Schematic:



3. Electrical Specifications: @25°C

INDUCTANCE: 0.916uH±20% @100KHz 0.250V

Q: 6 Min @100KHz 0.250V

Irms: 17.3ADC (40°C TEMP RISE)

Isat: 37.3ADC (30% DROP MAX IN INDUCTANCE)

DC RESISTANCE: 0.0023 OHMS Maximum

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/5

XFMRs Inc. www.XFMRS.com		Title: XFSD4HC SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH/MM	P/N: XF102S4HC		REV. A	
	DWN.	Feng	Nov-22-11	
	CHK.	YK Liao	Nov-22-11	
SHEET 1 OF 1	APP.	BW	Nov-22-11	