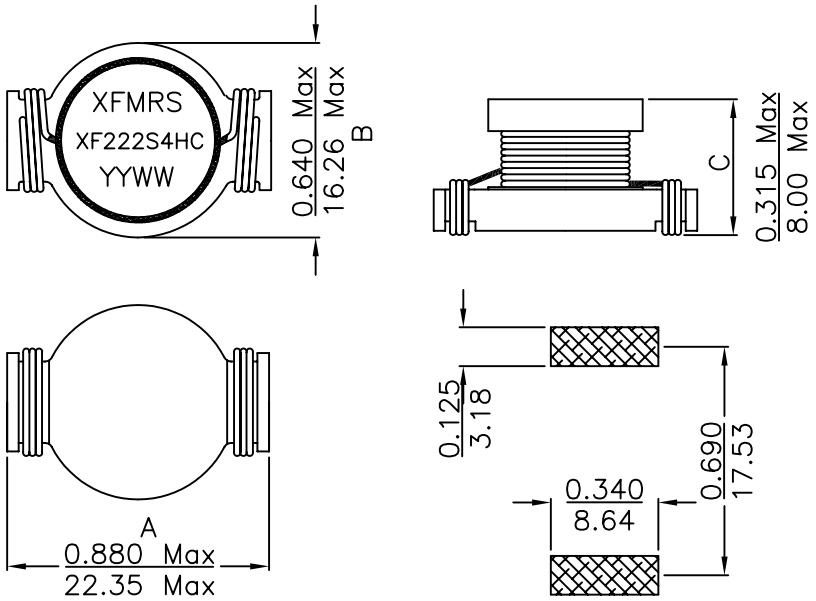
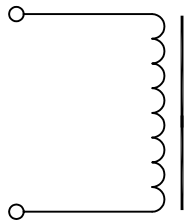
1. Mechanical Dimensions:



(BOTTOM VIEW)

(SUGGESTED MOUNTING PAD)

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 2.2uH±20% @100KHz 0.1V

DCR: 6.10 mOhms Max

SRF: 75 MHz Typ

Isat: 20Adc (Based on 10% Typ drop in OCL)

Irms: 12A (Based on 40°C Typ Temp Rise)

Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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

DOC REV: A/6

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XFMRS Inc.	Title: XFxxxSH4 SERIES INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH .xx ±0.25 mm Dimensions in INCH/mm	P/N: XF222S4HC		REV. A
	DWN.	Juan Mao	Mar-22-04
	CHK.	YK Liao	Mar-22-04
SHEET 1 OF 1	APP.	MS	Mar-22-04