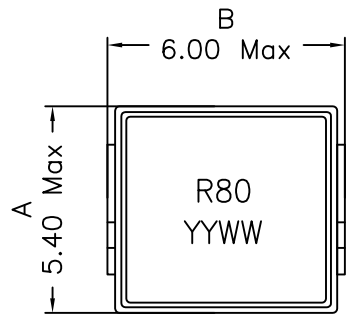
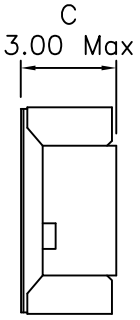
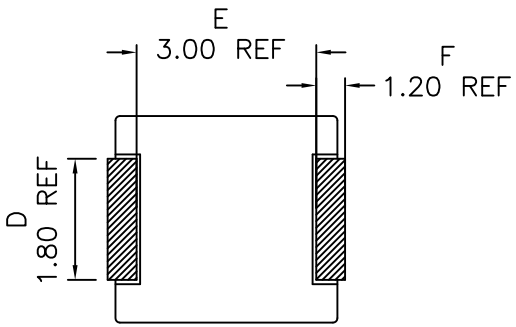
1. Mechanical Dimensions:

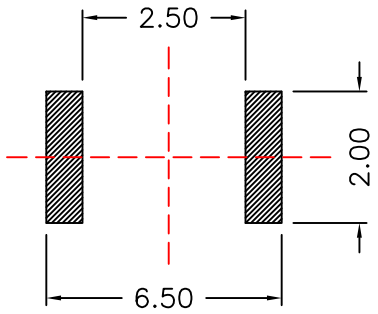


(TOP VIEW)



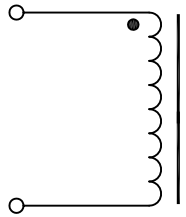


(BOTTOM VIEW)



(Land Patterns)

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 0.8uH±20% @100KHz, 1V

Q: tbd Min @100KHz, 1V

DCR: 11.9 mOhms Max, 10.2 mOhms Typ

Isat: 13Adc (Based on 20% drop in OCL)

Irms: 9.3Adc (Based on 40°C Temp Rise)

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 +105°C unless otherwise noted.
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
11. Recommended IR Reflow peak temp of 250°C Max.
12. Outsourced item processed & controlled under XFMRS QA system

PRELIMINARY

DOC. REV: A/−

XFMRS Inc www.XFMRS.com	Title: SMT POWER INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL22MB-R80M		REV. A
	DWN.	Yuan	Nov-12-14
	CHK.	YK Liao	Nov-12-14
SHEET 1 OF 1	APP.	BSJ	Nov-12-14

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