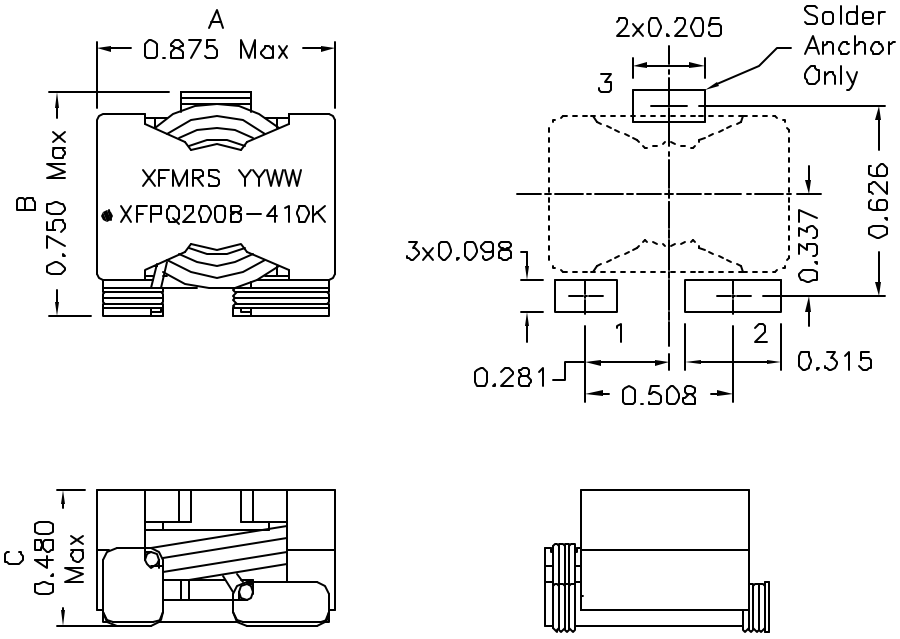
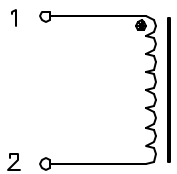
1. Mechanical:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 41.0uH±10% @10KHz 1.0V, 0Adc
IDC: 40.0uH Typ @10KHz 1.0V, 6Adc
DCR: 23.1mOhms±8%
Saturation Current Isat: 7.3A Typ (OCL 20% drop in L)
Heating Current IDC: 6.2A Typ (OCL 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. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +130°C
6. Storage Temperature Range: -55°C to +130°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/3

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XFMRS Inc www.XFMRS.com	Title: XFPQ2008 SMT POWER INDUCTORS		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.010 Dimensions in Inch	P/N: XFPQ2008-410K		REV. A
	DWN.	Juan Mao	Apr-15-08
	CHK.	YK Liao	Apr-15-08
Scale 2.5:1 SHT 1 OF 1	APP.	BW	Apr-15-08