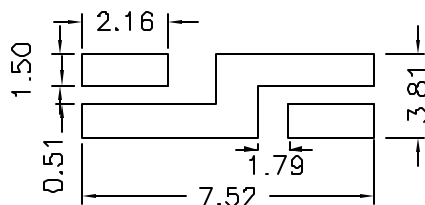
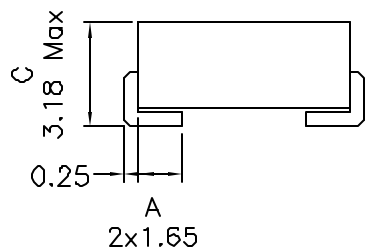
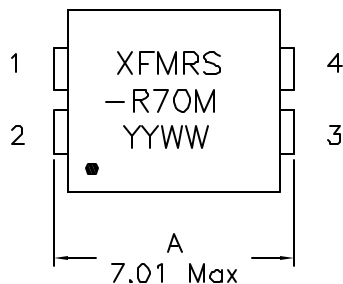
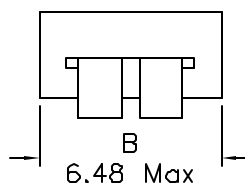


1. Dimensions:



PCB Layout
(Top View)

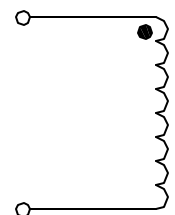


Notes:

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
8. SMD Lead Coplanarity: $\pm 0.004^{\circ}$ (0.102mm)
9. Moisture Sensitivity: Level 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

DOC. REV: A/1

2. Schematic:



3. Electrical Specs:@25°C

OCL: 700nH $\pm$ 20% @1MHz 0.1V

OCL: 475nH $\pm$ 20% @1MHz 1V 7Adc

Heating Current: 12A (Based on 30% Rise in Temp)

DCR: 1.80 mOhms Max

XFMRS Inc www.XFMRS.com		Title: High Current Inductor	
UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A Dimensions in MM Scale 2.5:1 SHT 1 OF 1	P/N: XF070603-R70M		REV A
	DWN.	Juan Mao	Aug-15-05
	CHK.	YK Liao	Aug-15-05
	APP.	BW	Aug-15-05

PROPRIETARY

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