XFMRS

COMPONENT DESCRIPTION

PART NO.:XF121206-7R2M078

REV.:A/5

PAGE NO. OF

ENGINEERING SAMPLE TEST DATA

LOT NO.:	CORE IQC NO.:	LOT SIZE:10pcs	SAMPLE SIZE: 5PCS
TESTED BY: WEI/FENG			APPROVED BY: LAN

DATE:Mar-24-09

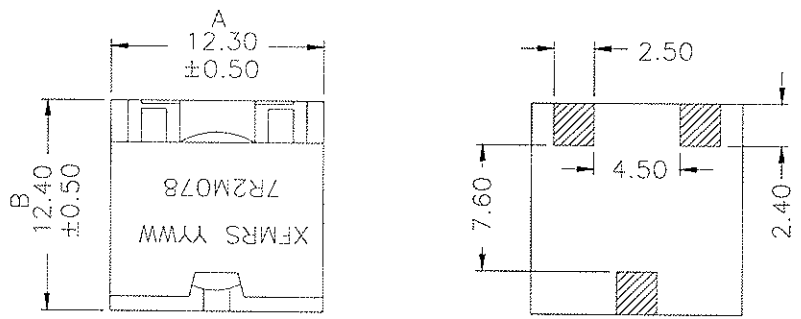
TEST EQUIPMENT	HP 4263B LCR METER(WG056L)	TEST CONDITION	OCL :100KHz 0.25V
	5601 Meter 3260B Meter E4991A Meter		IDC:100KHZ 0.25V 7.8Adc
	HI-POT TESTER CJ2672(WG050H)		

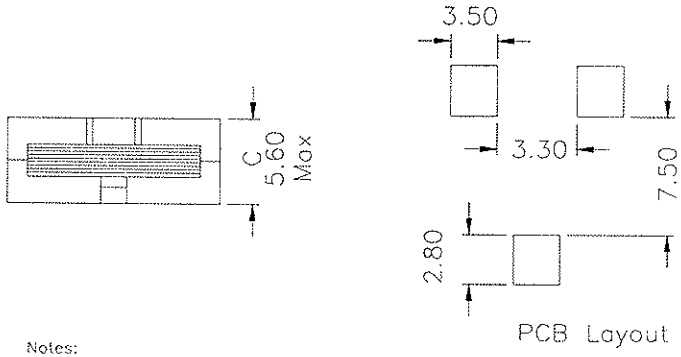
QC PASSED

PARAMETERS													
		DCR		OCL	IDC	Q		A	B	C			
SPECIFICATION	Max	13.5		8.64	Drop in OCL 25%			12.80	12.90	5.60			
	Min			5.76		20.00		11.80	11.90				
UNIT/LOT NO.	Unit	m Ω		uH	uH			MM	MM	MM			
	1	12.59		7.75	7.00	30.4		12.30	12.60	5.42			
	2	12.61		7.47	6.95	36.80		12.50	12.66	5.48			
	3	12.72		7.35	7.00	35.60		12.50	12.62	5.50			
	4	12.80		7.24	7.00	32.90		12.53	12.60	5.50			
	5	12.70		7.54	7.00	31.70		12.55	12.60	5.51			

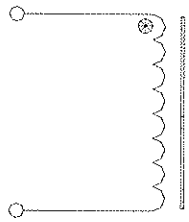
REMARKS

1. Mechanical:





2. Schematic:



3. Electrical Specifications: @20°C

OCL: 7.2uH±20% @100KHz, 0.25V, 0DC
Isat: 7.8Adc Max (OCL drops by 25% Typ at 25°C)
6.6Adc Max (OCL drops by 25% Typ at 100°C)
Current rating: 7.6Adc Max (40°C rise in a 20°C ambient)
DC Res.: 13.5mOhms Max

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/1

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XFMRS Inc www.XFMRS.com	Title: SM INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XF121206-7R2M078		REV. A
	DWN.	Xianyi	Aug-07-08
	CHK.	YK Liao	Aug-07-08
SHEET 1 OF 1	APP.	Joe Huff	Aug-07-08