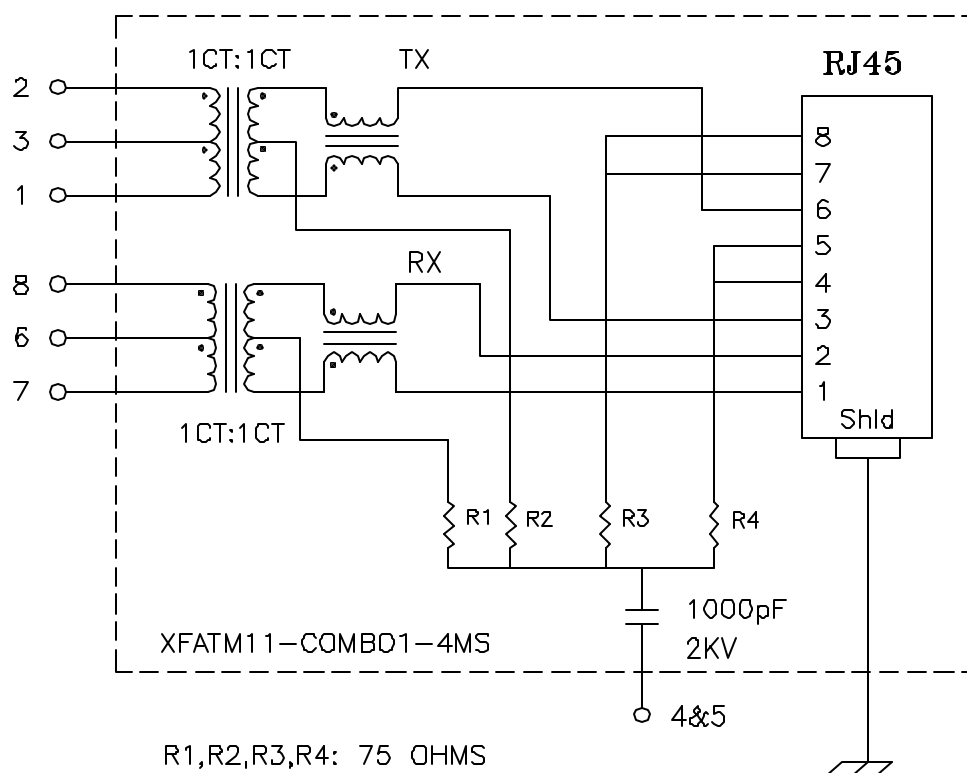


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)

Isolation Voltage: 500 Vrms (P1+2+3 to P6+7+8)

Turns Ratio: TX 1CT:1CT $\pm 3\%$ RX 1CT:1CT $\pm 3\%$

CABLE SIDE OCL: 350uH Minimum @100KHz 100mV 8mADC

Cw/w: 25pF Max @100KHz 100mV

Leakage L (Line side): 0.3uH Max (Short Chip side)

DC Res. (Line Side): 1.2 Ohms Max each

Insertion Loss (300KHz-100MHz): -1.1dB Typical

Return Loss: @30MHz -18dB Minimum

@80MHz -12dB Minimum

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. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

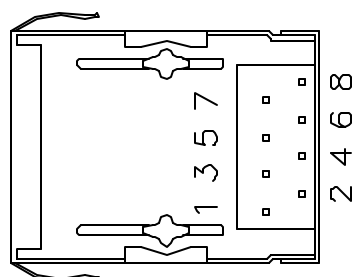
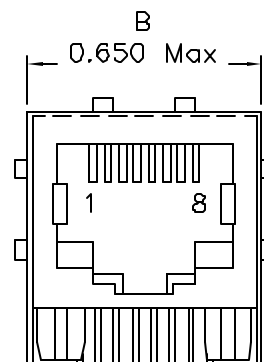
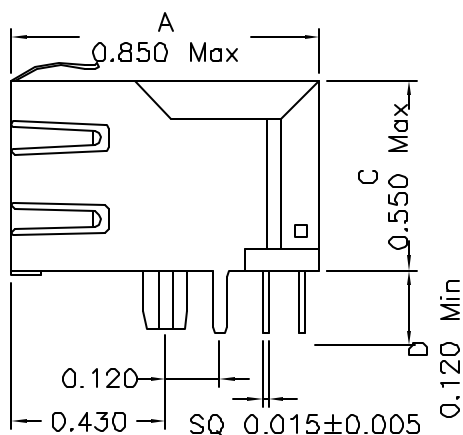
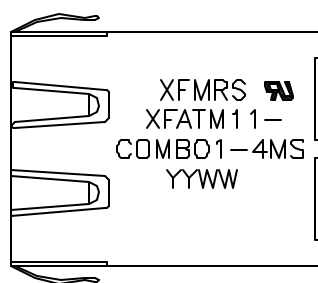
DOC. REV: A/2

PROPRIETARY:

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XFMRs Inc. www.XFMRs.com		Title: SINGLE PORTS COMBO	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ± 0.010 Dimensions in Inch		P/N: XFATM11-COMBO1-4MS	REV. A
DWN.		李清儿	Mar-20-07
CHK.		孙小松	Mar-20-07
SHEET 1 OF 2		APP. MS	Mar-20-07

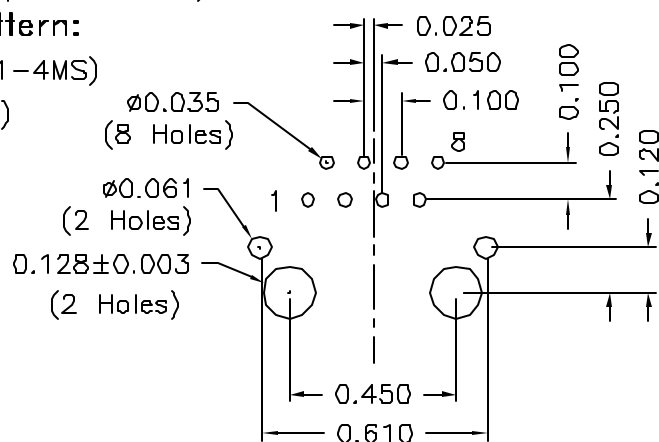
Mechanical Dimensions:



(BOTTOM VIEW)

Mounting Pattern:

(FOR COMBO1-4MS)
(COMP SIDE)



DOC. REV: A/2

XFMRS Inc. www.XFMRS.com		Title: Mechanical Dimensions For COMBO1-4MS Series	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch		XFATM11-COMBO1-4MS	REV. A
DWN.		Juan Mao	Mar-20-07
CHK.		YK Liao	Mar-20-07
APP.		MS	Mar-20-07

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