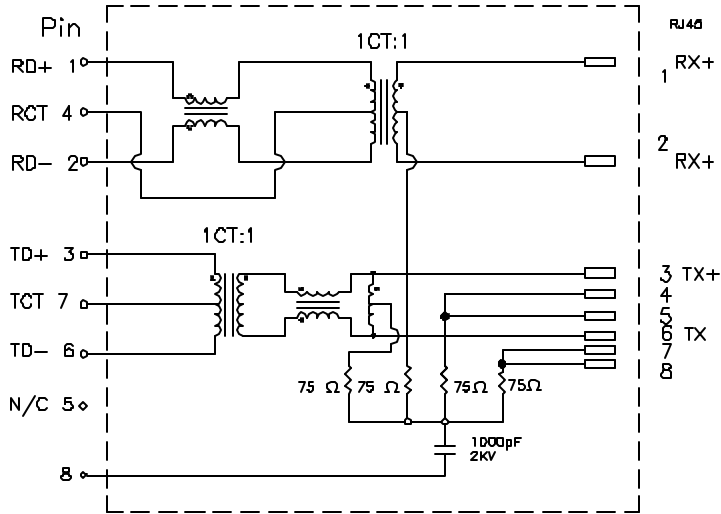


# Schematic:



## Electrical Specifications: 25°C

- Turns Ratio: TX 1CT:1±3%, RX 1CT:1±3%
- Isolation Voltage: 1500 Vrms (INPUT to OUTPUT)
- UTP Side OCL: 350µH Min @100KHz 100mV 8mADC
- Insertion Loss (1MHz–100MHz): -1.1dB Max
- Return Loss: -18dB Min. @1MHz–30MHz
  - 18–20 log(f/30MHz) Min @30MHz–60MHz
  - 12dB Min. @60MHz–80MHz
- Crosstalk 100KHz–100MHz : -35.0dB Min
- Common to Differential Mode Rejection @100KHz–100MHz: -40dB Min
- Common to Common Mode Rejection @100KHz–100MHz: -30dB Min

**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

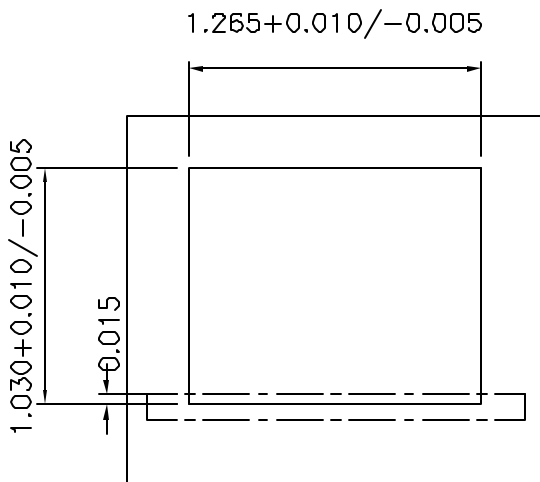
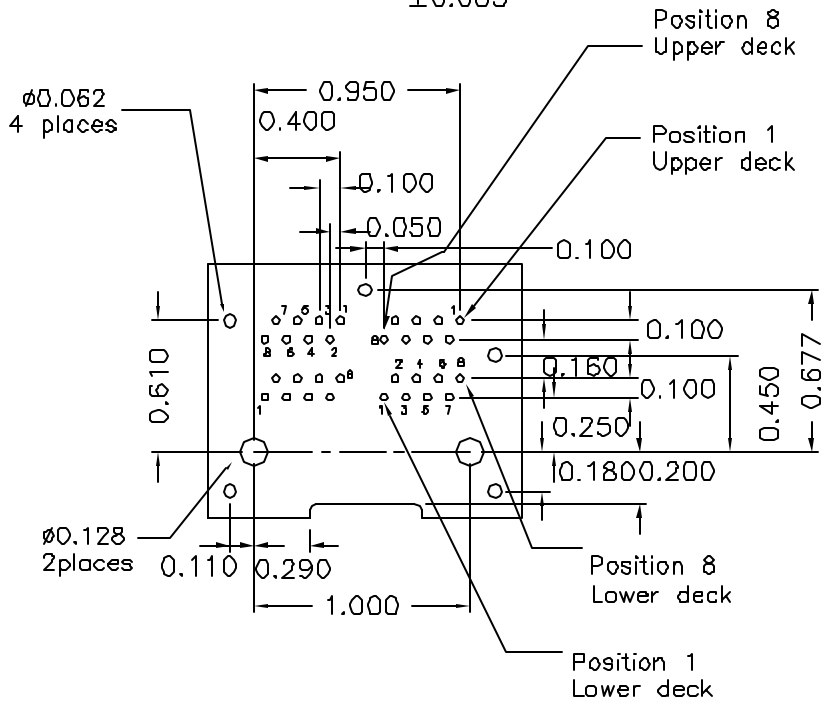
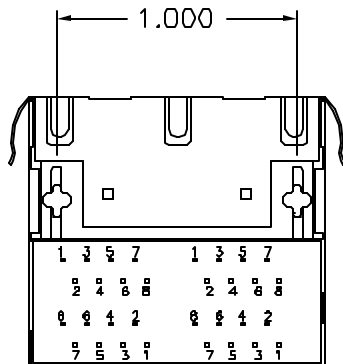
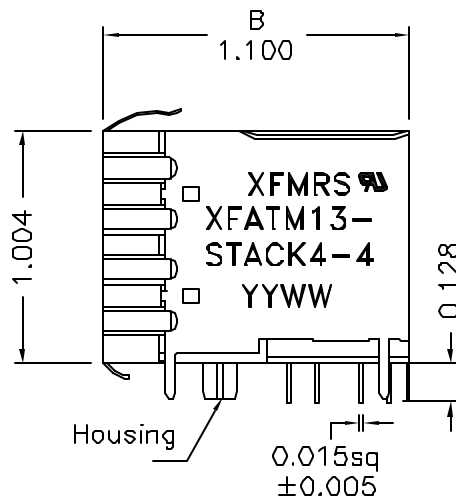
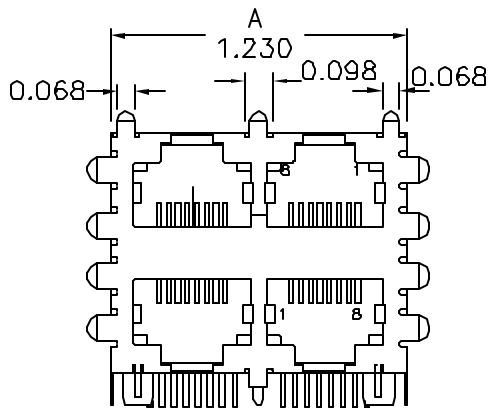
DOC. REV. A/3

<b>XFMRs Inc.</b> www.XFMRs.com	Title: <b>2x2 STACKED COMBO SERIES</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch		P/N: XFATM13-STACK4-4
SHEET 1 OF 3	DWN.	Juan Mao	Apr-04-07
	CHK.	YK liao	Apr-04-07
	APP.	MS	Apr-04-07

**PROPRIETARY:**

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**Mechanical Dimensions:**



SUGGESTED MOUNTING PATTERN  
(COMPONENT SIDE)

SUGGESTED PANEL  
CUTOUT DIMENSIONS

DOC. REV. A/3

**XFMR5 Inc.**  
www.XFMR5.com

Title: Mechanical Dimensions  
For 2x2 STACKED COMBO Series

UNLESS OTHERWISE SPECIFIED  
TOLERANCES:  
.xxx ±0.010  
Dimensions in Inch

P/N: XFATM13-STACK4-4	REV. A
DWN. Juan mao	Apr-04-07
CHK. YK Liao	Apr-04-07
APP. MS	Apr-04-07

SHEET 2 OF 2

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