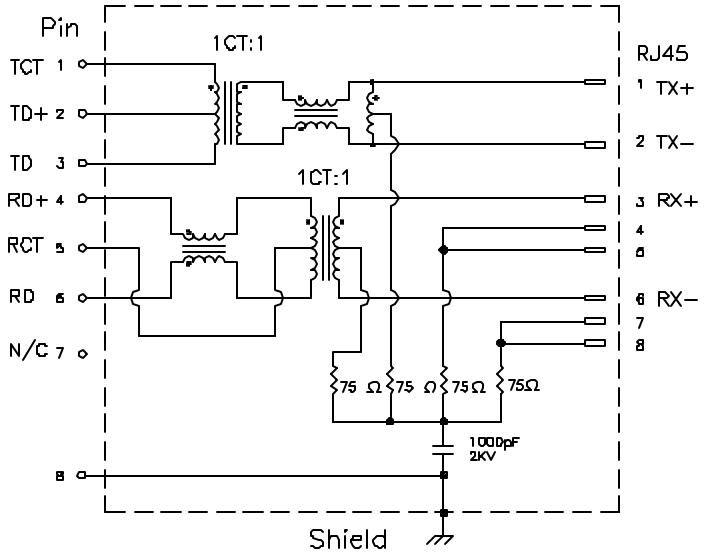
Schematic:



Electrical Specifications: 25°C

TURNS RATIO: TX 1CT:1±3%, RX 1CT:1±3%

Isolation Voltage: 1500 Vrms (INPUT to OUTPUT)

UTP SIDE OCL: 350uH 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

Note:

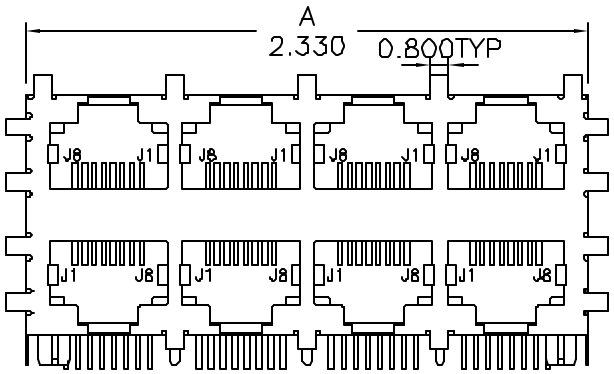
1. Solderability: Leads shall meet MIL−STD−202, Method 208D for solderability.
2. Flammability: UL94V−0,
3. ASTM oxygen index: > 28% ,
4. Temperature rating: 155°C. UL file E151556,
5. Operating Temperature Range: 0°C to +70°C

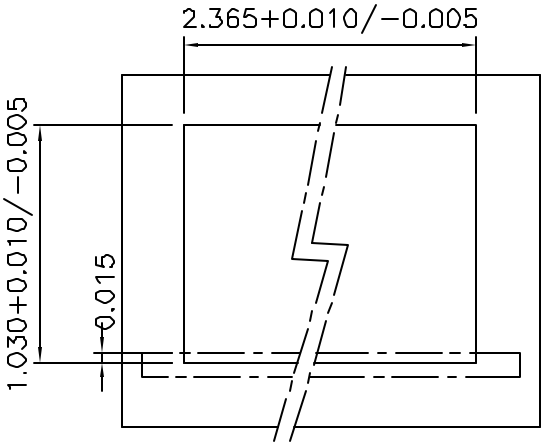
PRELIMINARY

XFMRS Inc.	Title: 2x4 STACKED COMBO SERIES		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM13B−STACK8−4		REV. A
	DWN.	罗振江	May−19−03
	CHK.	袁玉坤	May−19−03
SHEET 1 OF 3	APP.	BW	May−19−03

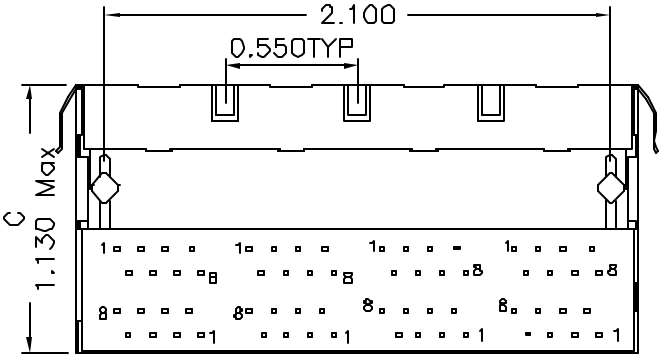
DOC. REV. A/1

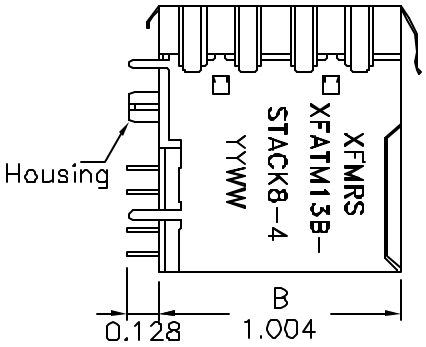
Mechanical Dimensions:

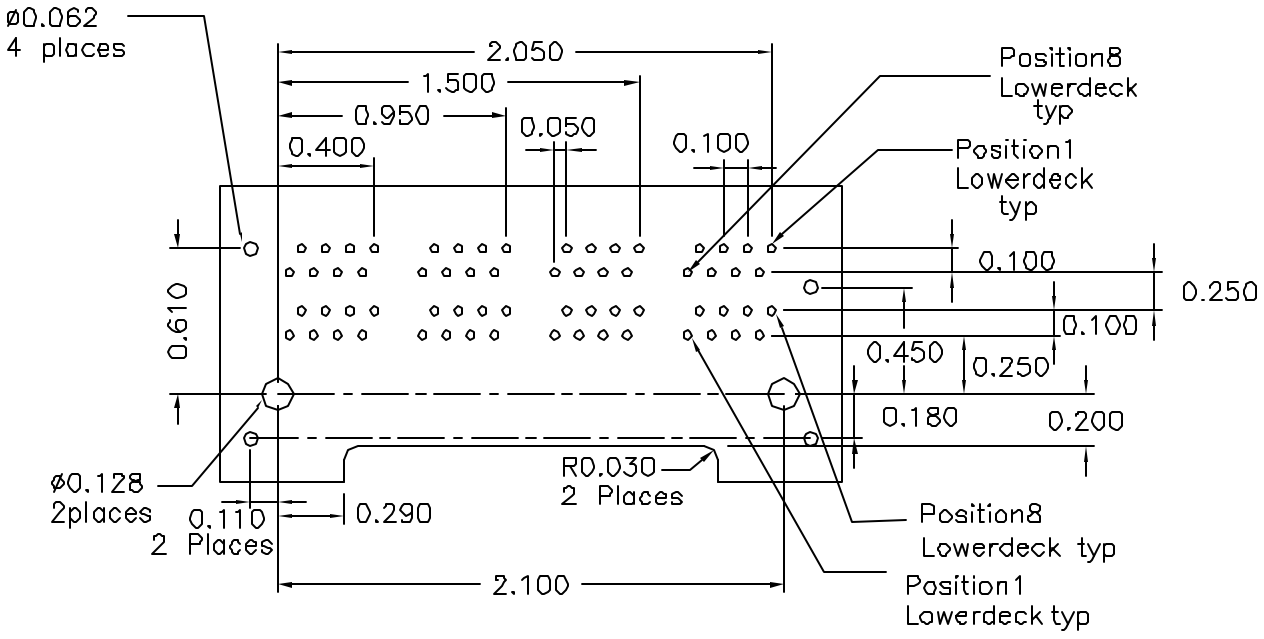




SUGGESTED PANEL
CUTOUT DIMENSIONS







SUGGESTED MOUNTING PATTERN (COMPONENT SIDE)

PRELIMINARY

DOC. REV. A/1

XFMRS Inc.	Title: Mechanical Dimensions For 2x4 STACKED COMBO Series		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N:XFATM13B-STACK8-4		REV. A
	DWN.	罗振江	May-19-03
	CHK.	顾玉坤	May-19-03
SHEET 2 OF 2	APP.	BW	May-19-03