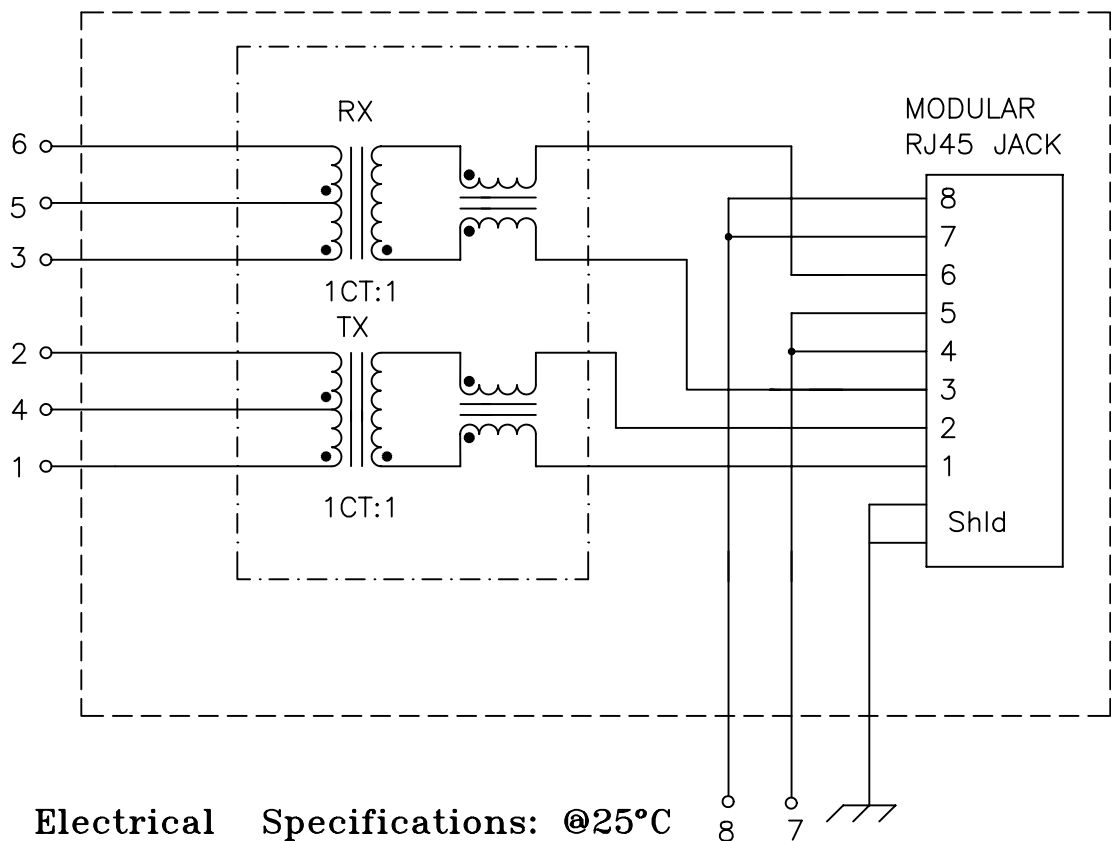


Schematic:



Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX : 1CT:1 ($\pm 2\%$) RX : 1CT:1 ($\pm 2\%$)

Isolation Voltage: 1500 VAC (Input to Output)

UTP Side OCL: 350uH Minimum @100KHz, 100mV 8mADC

Insertion Loss (0.1MHz–100MHz): –1.0dB Maximum

Return Loss: 1MHz–30MHz 40MHz 50MHz 60MHz–80MHz
–18dB Min –16dB Min –14dB Min –12dB Min

CMRR: 30MHz 60MHz 100MHz
–35dB Min –30dB Min –25dB Min

Crosstalk: 30MHz 60MHz 100MHz
–50dB Min –40dB Min –35dB Min

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: $\pm 0.004"$ (0.102mm)
9. Moisture Sensitivity: Level 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

XFMRS Inc.
www.XFMRS.com

Title: SINGLE PORT COMBO

UNLESS OTHERWISE SPECIFIED

P/N: XFATM7–COMBO1–4MS

REV. A

TOLERANCES:

.xxx ± 0.010

Dimensions in Inch

DWN.

廖玉坤

Feb–03–05

CHK.

李清儿

Feb–03–05

APP.

MS

Feb–03–05

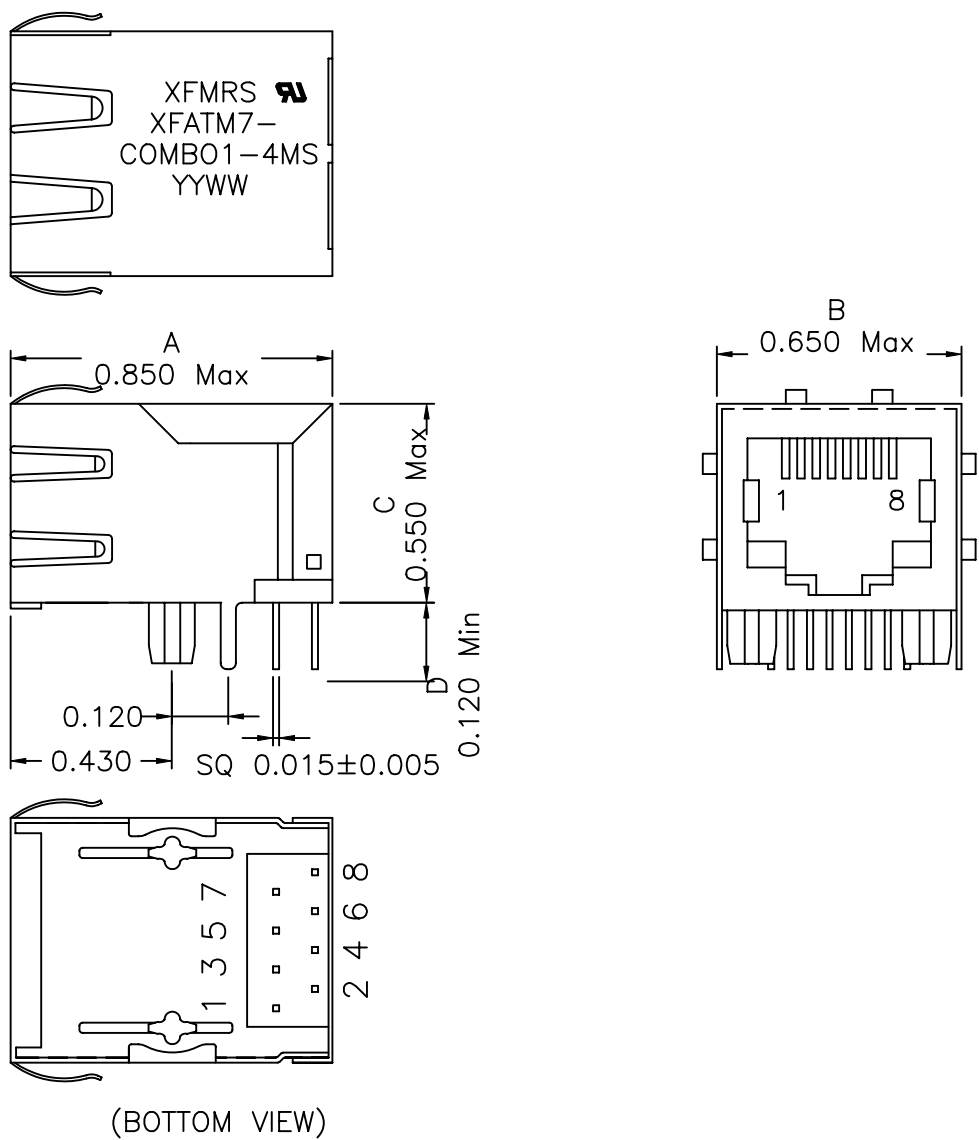
DOC. REV: A/4

SHEET 1 OF 2

PROPRIETARY:

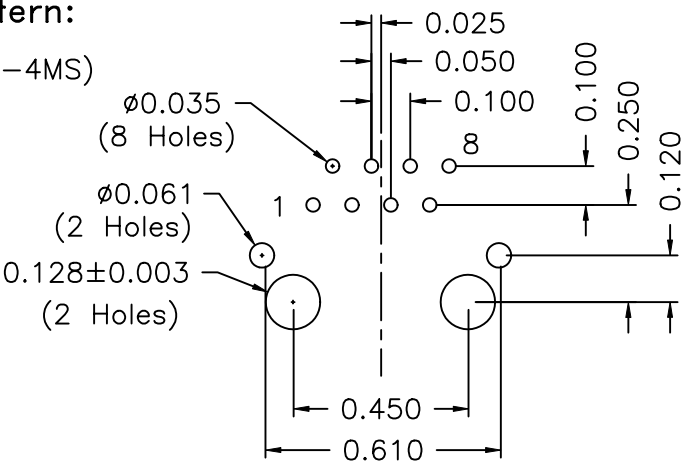
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Mechanical Dimensions:



Mounting Pattern:

(FOR COMBO1-4MS)
(COMP SIDE)



XFMRS Inc. www.XFMRS.com	Title: Mechanical Dimensions For COMBO1-4MS Series		
	P/N: XFATM7-COMBO1-4MS		REV. A
	DWN.	Juan Mao	Feb-03-05
	CHK.	YK Liao	Feb-03-05
	APP.	MS	Feb-03-05

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx $\pm$ 0.010
Dimensions in Inch