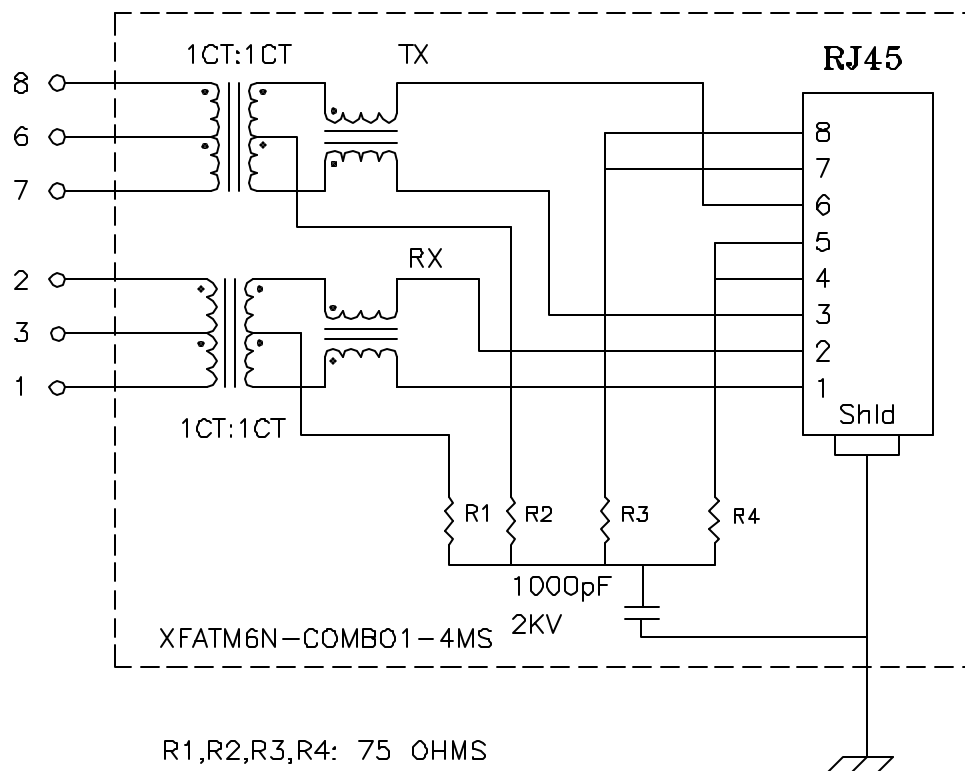


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)

Isolation Voltage: 500 Vrms (P1+2+3 to P4+5+6)

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

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

Cw/w: 27pF Typical @100KHz 100mV

Insertion Loss (300KHz-100MHz): 1.0dB Max

Return Loss: @30MHz 18dB Minimum

@80MHz 12dB Minimum

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: Glass F 155°C. UL file E151558
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

DOC. REV: A/2

XFMRS Inc.
www.XFMRS.com

Title: **SINGLE PORT COMBO**

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx ± 0.010

Dimensions in Inch

SHEET 1 OF 2

P/N: XFATM6N-COMBO1-4MS REV. A

DWN. 刘 鹏 Feb-15-05

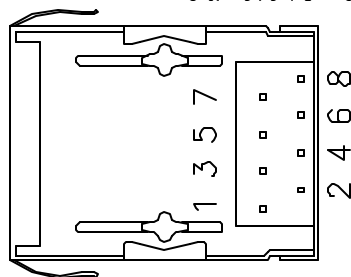
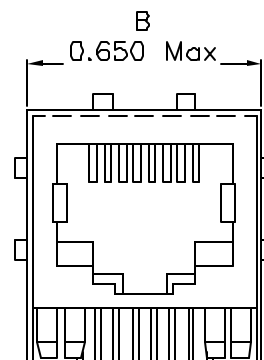
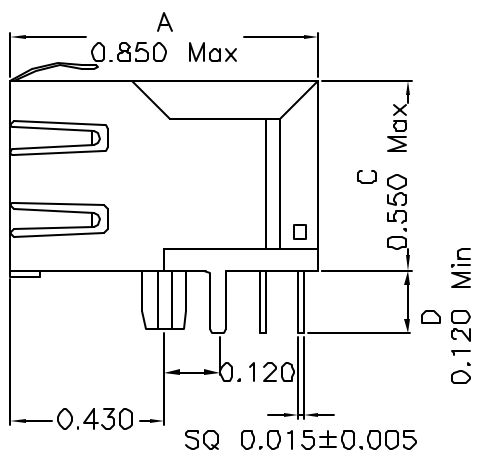
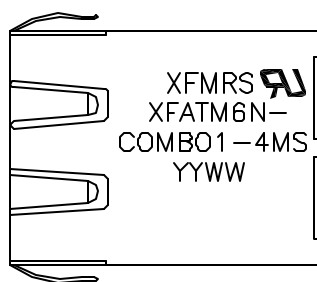
CHK. 李小锋 Feb-15-05

APP. J Ng Feb-15-05

PROPRIETARY:

Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.

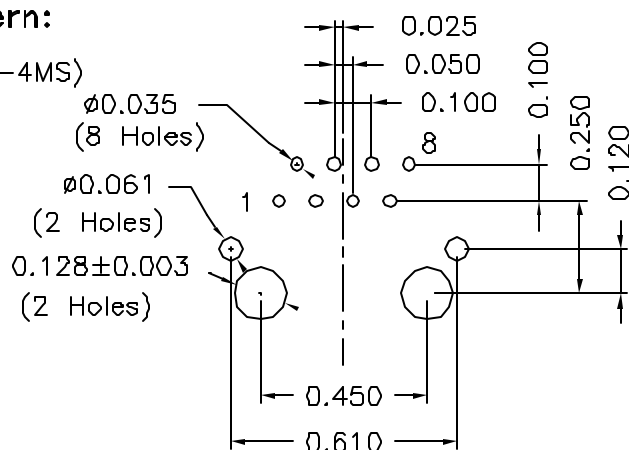
Mechanical Dimensions:



(BOTTOM VIEW)

Mounting Pattern:

(FOR COMBO1-4MS)
(COMP SIDE)



XFMRS Inc.
www.XFMRS.com

Title: Mechanical Dimensions
For COMBO1-4MS Series

DOC. REV: A/2

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

P/N: XFATM6N-COMBO1-4MS	REV. A
DWN. 李小铎	Feb-15-05
CHK. 廖玉坤	Feb-15-05
APP. J Ng	Feb-15-05

PROPRIETARY:

Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.

SHEET 2 OF 2