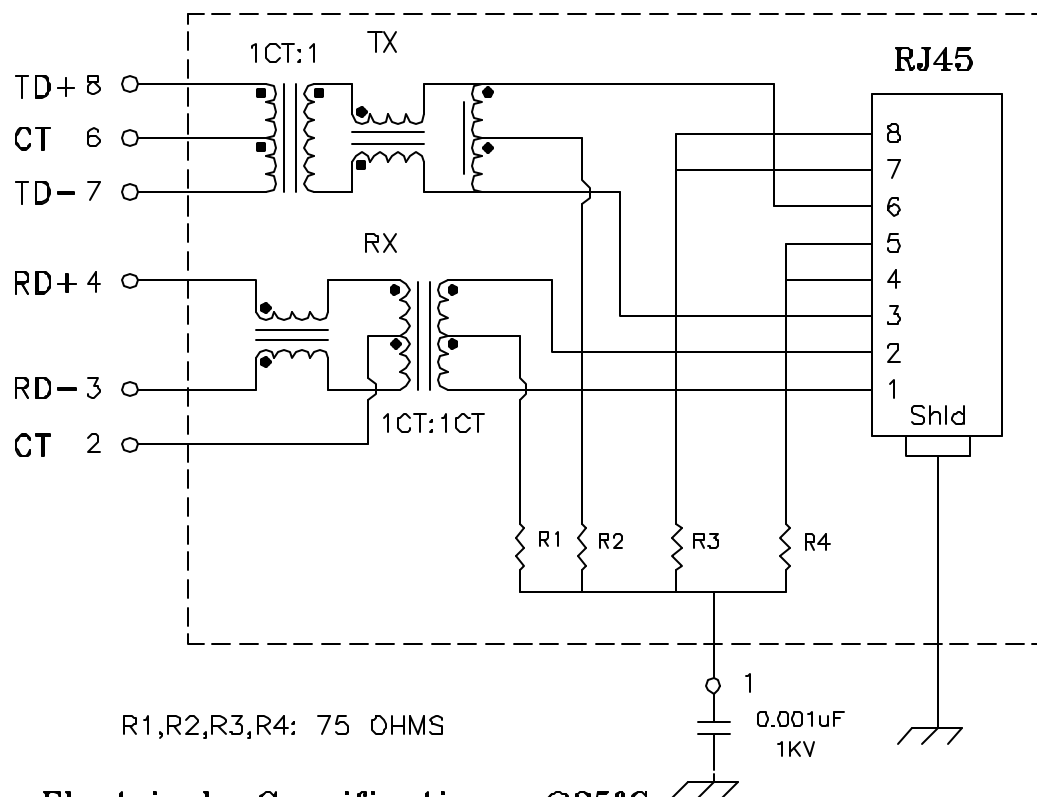


## Schematic:



## Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (INPUT to OUTPUT)

Isolation Voltage: 500 Vrms (6+7+8-2+3+4)

TURNS RATIO: TX 1CT:1  $\pm 5\%$  RX 1CT:1CT  $\pm 5\%$

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

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

Return Loss: 30MHz -16dB Typical

60MHz -12dB Typical

80MHz -10dB Typical

CROSSTALK: 32MHz -40dB Minimum

62MHz -35dB Minimum

Note: 100MHz -35dB Minimum

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

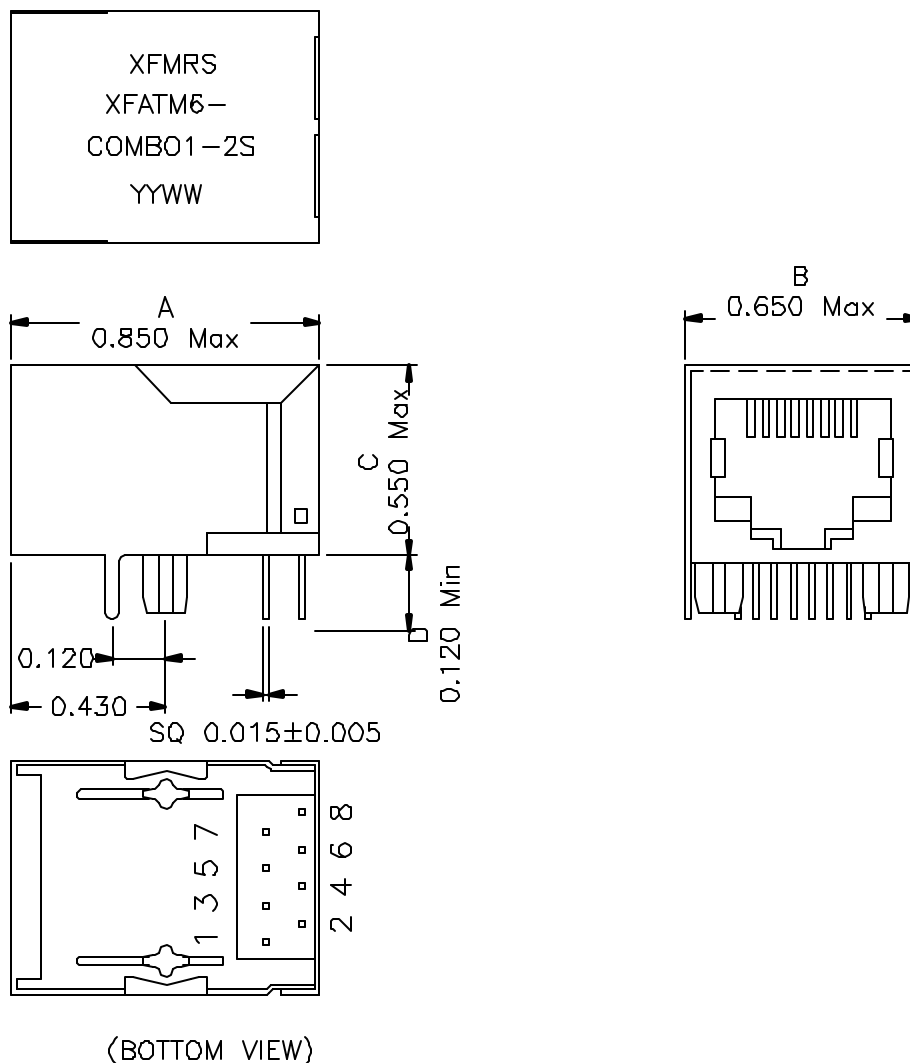
DOC. REV: A/5

**PROPRIETARY:**

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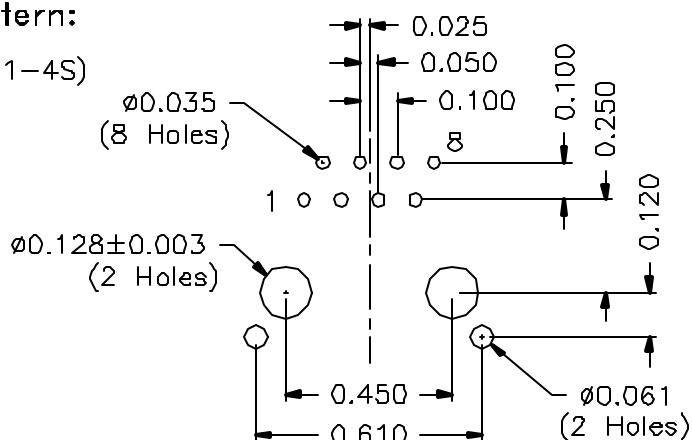
|                            |  |                          |               |
|----------------------------|--|--------------------------|---------------|
| XFMRs Inc.                 |  | Title: SINGLE PORT COMBO |               |
| UNLESS OTHERWISE SPECIFIED |  | P/N: XFATM6-COMBO1-2S    | REV. A        |
| TOLERANCES:                |  | DWN.                     | 李小锋 Jan-16-04 |
| .xxx $\pm 0.010$           |  | CHK.                     | 廖玉坤 Jan-16-04 |
| Dimensions in Inch         |  | APP.                     | MS Jan-16-04  |
| SHEET 1 OF 2               |  |                          |               |

## Mechanical Dimensions:



## Mounting Pattern:

(FOR COMBO1-4S)  
(COMP SIDE)



DOC. REV A/5

**XFMR5 Inc.**

Title: Mechanical Dimensions  
For COMBO1-2S Series

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

P/N: XFATM6-COMBO1-2S

REV A

DWN.

李小锋

Jan-16-04

CHK.

廖玉坤

Jan-16-04

APP.

MS

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SHEET 2 OF 2

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