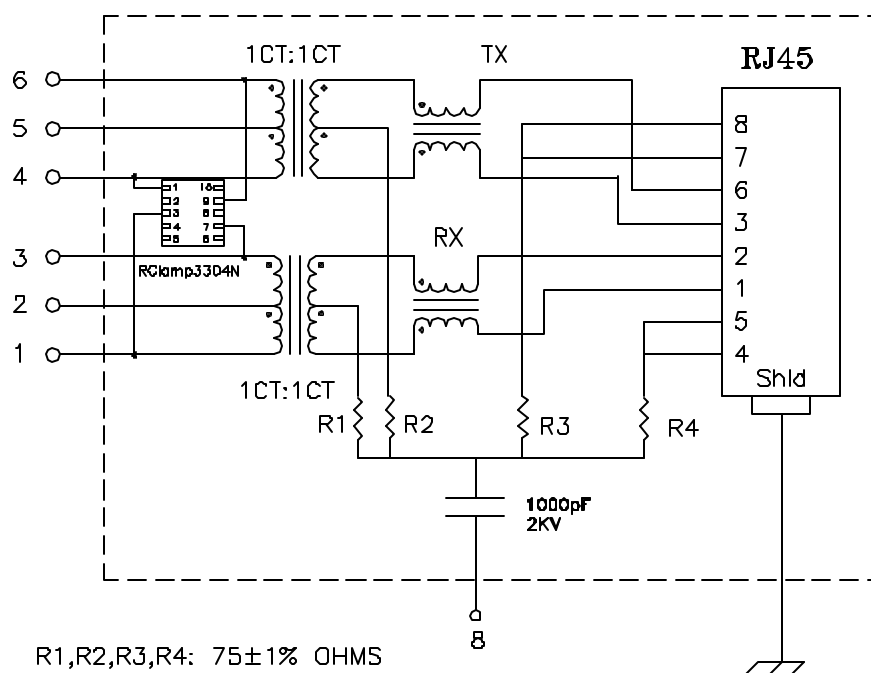


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)

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

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

Q: 18 MIN @100KHz 0.1V

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

Insertion Loss {300KHz-100MHz}: -1.00dB Max

Return Loss: @30MHz -18dB Minimum

@80MHz -12dB Minimum

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
10. Designed to meet GR1089 Intra-Building Lightning Standards.

DOC REV: C/1

PROPRIETARY:

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UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx ±0.010
Dimensions in Inch
SHEET 1 OF 2

Title: SINGLE PORT VERTICAL COMBO

P/N:XFATM9DM-CT1-4M

REV. C

DWN.

Xianyi

Jul-30-09

CHK.

YK Liao

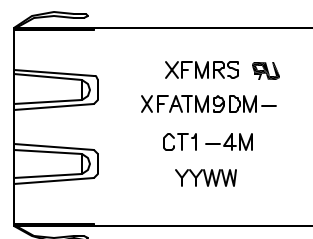
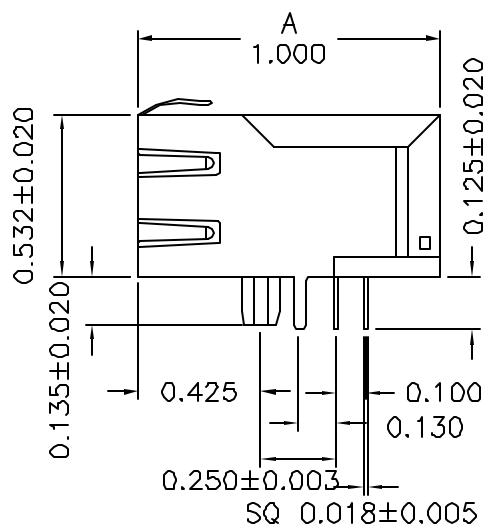
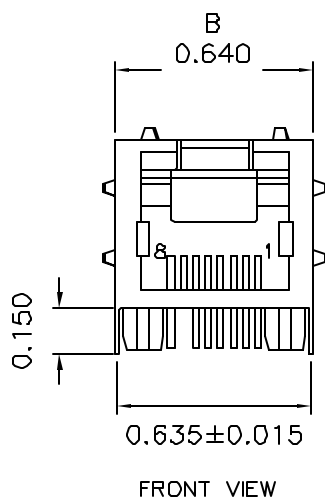
Jul-30-09

APP.

Joe Huff

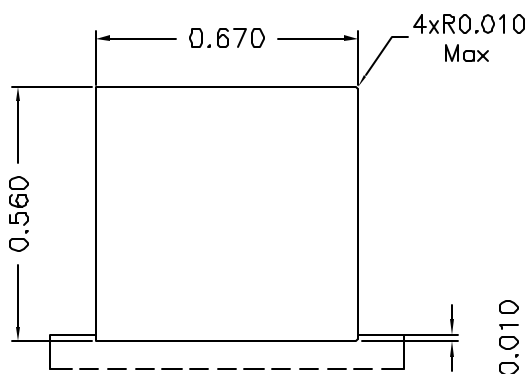
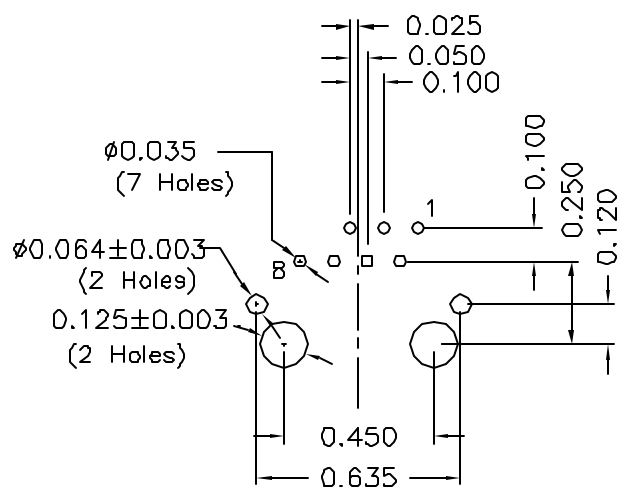
Jul-30-09

Mechanical Dimensions:



***Remove PIN#7

Mounting Pattern:



FACE VIEW
RECOMMENDED PANEL CUTOUT

DOC REV: C/1

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

SHEET 2 OF 2

Title: Mechanical Dimensions
For TAB UB RJ45 COMBO

P/N: XFATM9DM-CT1-4M

REV. C

DWN.

Juan Mao

Jul-31-09

CHK.

YK Liao

Jul-31-09

APP.

Joe Huff

Jul-31-09