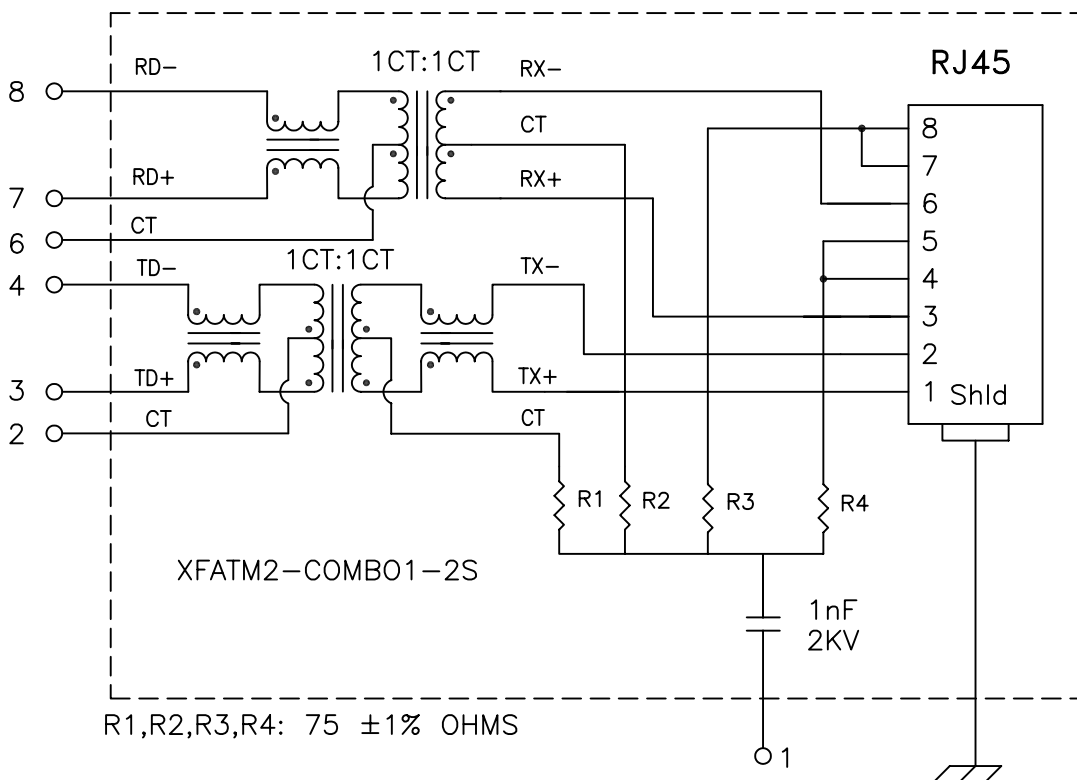


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500Vrms(INPUT to OUTPUT), 500Vrms(TD to RD)

UTP SIDE OCL: 350uH Min @100KHz 100mV 8mADC

Rise Time (10–90%): 2.5ns Typical

Insertion Loss (300KHz–100MHz): –1.1dB Maximum

Insertion Loss (100MHz–125MHz): –1.5dB Maximum

Return Loss: –18dB Min. @30MHz

–12dB TYP @80MHz

Crosstalk:

100KHz–60MHz –40dB Typical

60MHz–100MHz –38dB Typical

Common Mode to Differential Mode Rejection:

100KHz–60MHz –45dB Typ (Tx) / –40dB Typ (Rx)

60MHz–100MHz –40dB Typ (Tx) / –35dB Typ (Rx)

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. RJ Contact type "B", and rib size specified in ECN

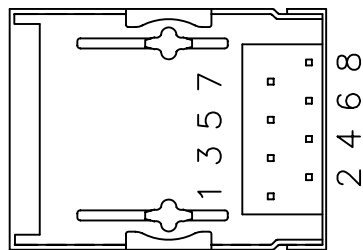
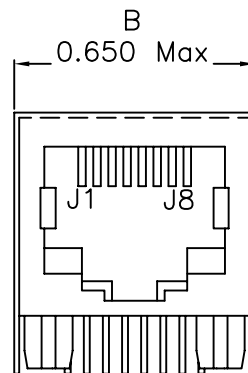
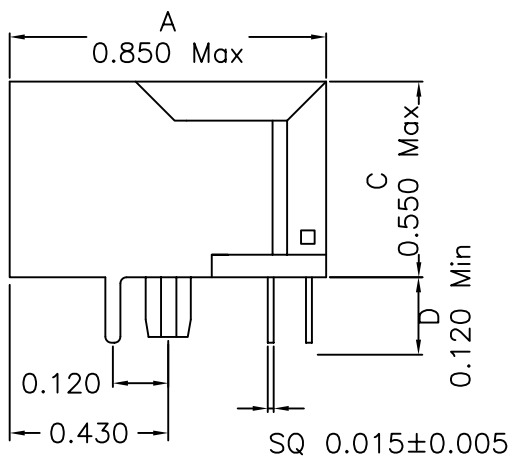
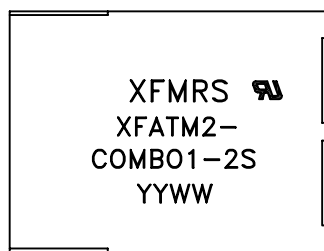
DOC. REV C/11

PROPRIETARY:

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

XFMRS Inc. www.XFMRS.com		Title: SINGLE PORT COMBO		
UNLESS OTHERWISE SPECIFIED		P/N: XFATM2-COMBO1-2S		REV. C
TOLERANCES:		DWN.	Mei Chen	Mar-11-10
.xxx $\pm$ 0.010		CHK.	YK Liao	Mar-11-10
Dimensions in Inch		APP.	BW	Mar-11-10
SHEET 1 OF 1				

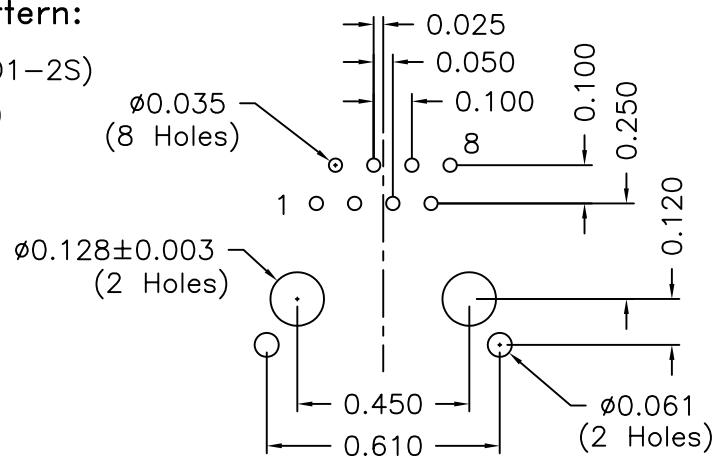
Mechanical Dimensions:



(BOTTOM VIEW)

Mounting Pattern:

(FOR COMBO1-2S)
(COMP SIDE)



DOC. REV C/11

PROPRIETARY:

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

XFMRS Inc.
www.XFMRS.com

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

SHEET 2 OF 2

Title: Mechanical Dimensions
For COMBO1-2S Series

P/N: XFATM2-COMBO1-2S

REV. C

DWN.

Mei Chen

Mar-11-10

CHK.

YK Liao

Mar-11-10

APP.

BW

Mar-11-10