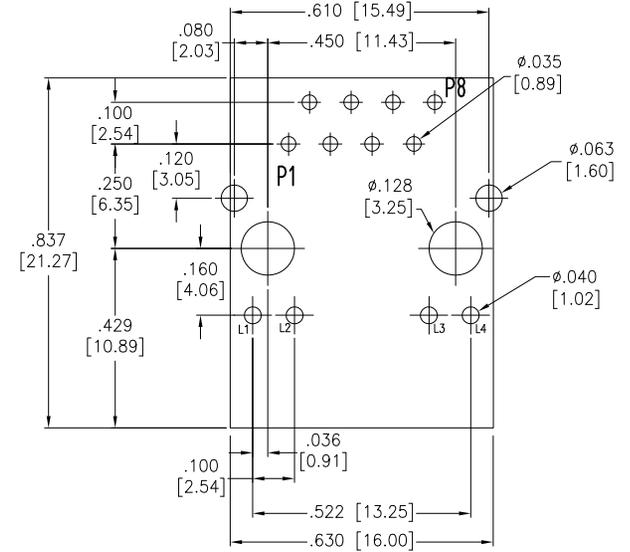
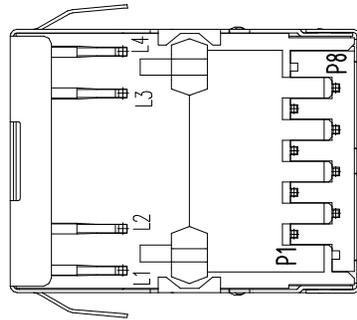
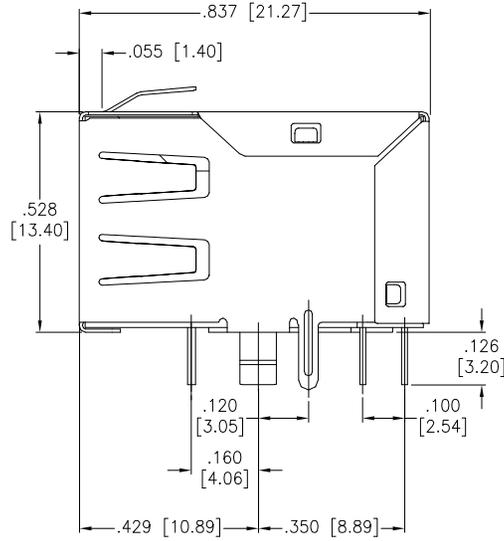
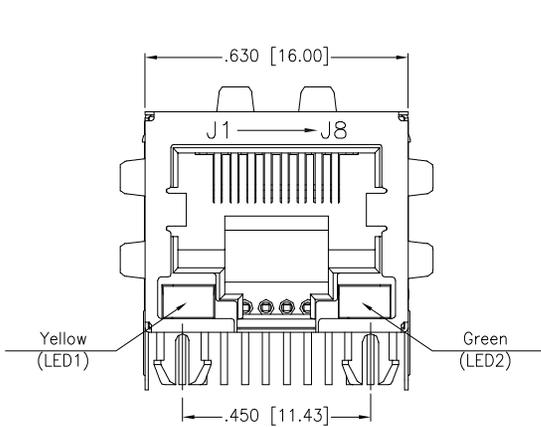


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	10/28/13	



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Shield: Copper alloy, Nickel plated
 Contact Plating:
 Gold Flash over Nickel underplate on contact area,
 Tin over Copper underplate on tails
 (See chart for thickness).
 Electrical:
 Operating voltage: 125 VAC max
 Current rating: 1.5 Amps max
 Contact Resistance: 30 mohms max. initial
 Insulation resistance: 500 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 1,500VAC for 1 minut
 Temperature Rating:
 Operating temperature: -45°C to +85°C
 Environmental:
 Lead free, RoHS compliant.



X	PLATING
0	15 μ m Gold
1	30 μ m Gold
2	50 μ m Gold

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED
 INCHES HOLES
 .X \pm .10 ϕ .X \pm .10
 .XX \pm .020 ϕ .XX \pm .015
 .XXX \pm .015 ϕ .XXX \pm .010

APPROVALS		DATE
DRAWN	AY	10/28/13
CHECKED	EH	10/28/13
APPROVED		



TITLE MODULAR JACK GANGED, 1 PORT, 8P8C FULL SHIELD, PANEL GROUND, HI-TEMP		
SIZE X	PART NO. MTJ-88TX1-FSD-PG-LG-M4D1-HT	REV. -
REF: S00167T	SCALE: NTS	SHEET 1 OF 2

6

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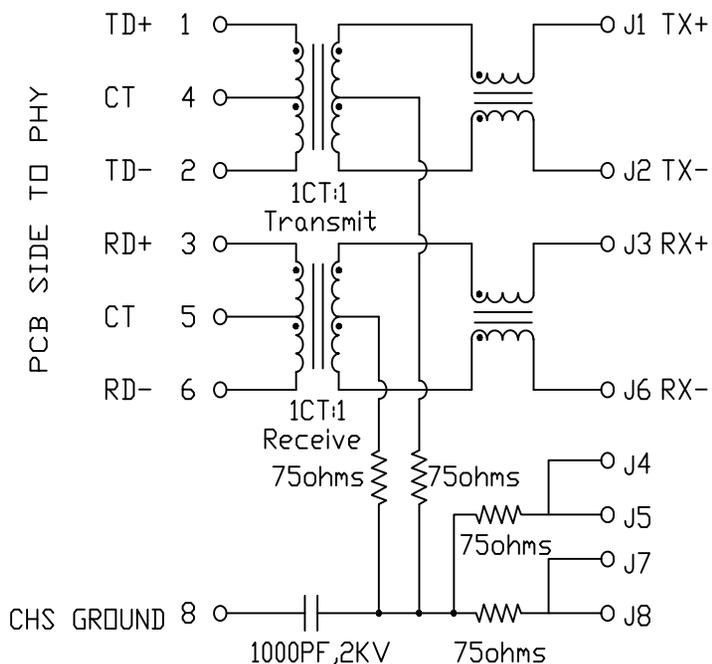
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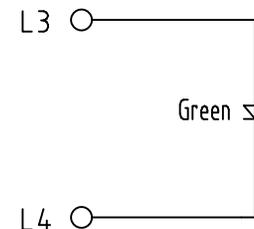
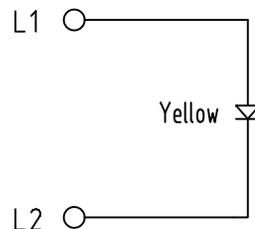
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
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SEE SHT 1 OF 2 FOR REVISION



CABLE SIDE



SPECIFICATIONS:

- Turn Ratio: TP1-2 1CT:1CT(±3%)
- Primary Inductance: 350 μH Min. @100kHz, 0.1Vrms, 8mADC BIAS
- Hi-POT TEST: TP1-2 1500Vrms
- TRANSMITTER FILTER
Type: Balance Low Pass 100 Ohm Impedance Norm
Insertion Loss: 0.5~100 MHz 1.0dB MAX.
Return Loss: 0.5~40 MHz 18dB MIN
40~80 MHz 12~20LOG(f/80)dB MIN
- CROSS TALK: 0.5~40 MHz 35dB MIN.
40~100 MHz 33~20LOG(f/50)dB MIN.
- CM TO CM REJECTION:
1~100 MHz 30dB MIN.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES HOLES

.X ± .10	Ø.X ± .10
.XX ± .020	Ø.XX ± .015
.XXX ± .015	Ø.XXX ± .010



TITLE
MODULAR JACK GANGED, 1 PORT, 8P8C
FULL SHIELD, PANEL GROUND, HI-TEMP

APPROVALS		DATE
DRAWN	AY	10/28/13
CHECKED	EH	10/28/13
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-PG-LG-M4D1-HT	-
REF: S00167T	SCALE: NTS	SHEET 1 OF 2

6

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