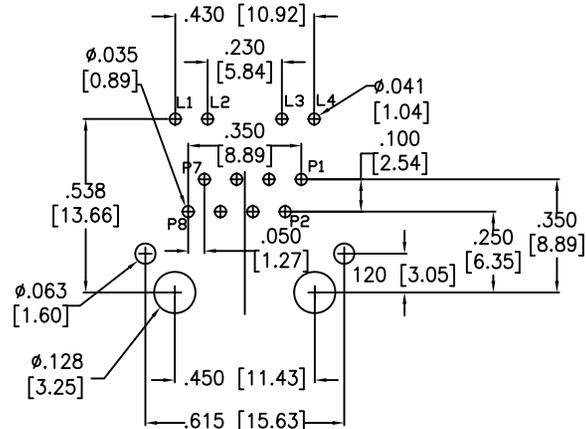
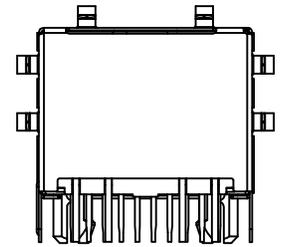
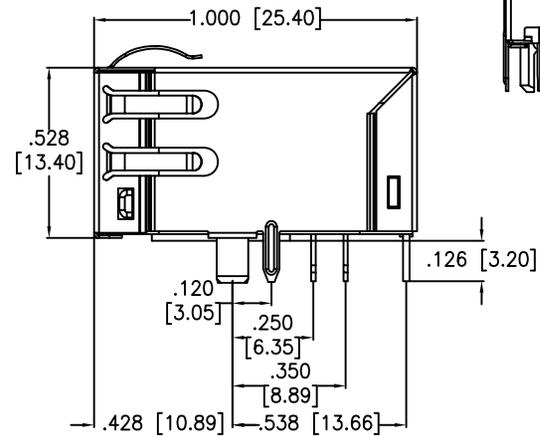
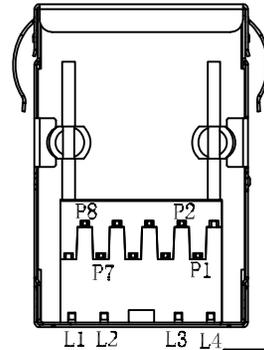
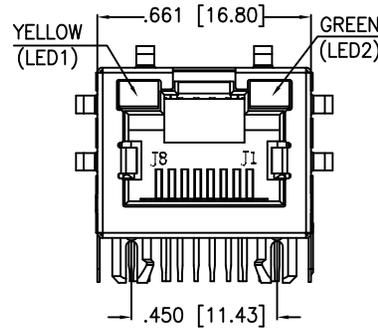
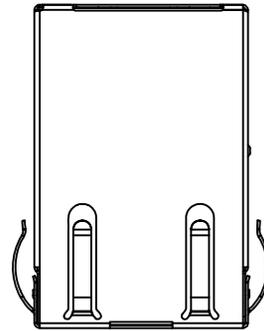


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/23/10	
A		ADDED PEG DIM.	8/6/13	
B		REDRAWN (ED-20131114-ECR-01)	11/18/13	AH/AY
C		UPDATE SHAPE	1/14/15	AY/NP



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
 Insulator: Glass Filled polyester, 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:
 Contact Resistance: 30 mohms max.
 Insulation resistance: 500 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 1500 VAC for 1 minut
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Environmental:
 Lead free, RoHS compliant.



X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold

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

APPROVALS		DATE
DRAWN	AY	11/23/10
CHECKED	AH	11/23/10
APPROVED		



TITLE
 MODULAR JACK GANGED, 1 PORT, 8P8C
 W/ LED1 YELLOW, LED2 GREEN

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-PG-LG-M5-A	C
REF: S00167T	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

2

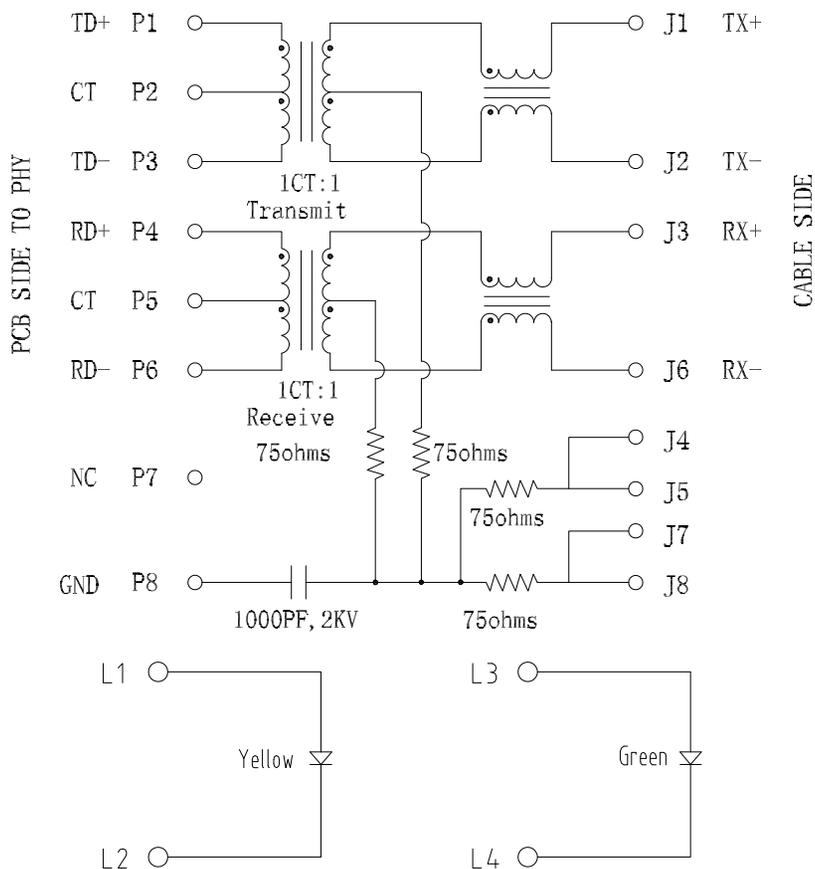
1

APPROVED: _____

DATE: _____ TITLE: _____

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



ELECTRICAL SPECIFICATIONS

- Turn Ratio:
(P1-P3) : (J1-J2) 1CT:1CT(±3%)
(P4-P6) : (J3-J6) 1CT:1CT(±3%)
- Primary Inductance: 350 μH Min. @100kHz, 0.1Vrms, 8mADC BIAS
- Hi-POT TEST: PCB Side To Cable Side 1500VAC
- Insertion loss: 0.1MHz~100MHz -1.1dB MAX.
- Return loss: (Load: 100 ohms)
1MHz~30MHz -18dB MIN.
30MHz~60MHz -12+20Log(F/30MHz)dB Min.
60MHz~80MHz -12dB MIN.
- CM to CM Rejection: 1MHz~100 MHz -30dB MIN
- CM to DM Rejection: 1MHz~100 MHz -35dB MIN
- Cross Talk: 1MHz ~100 MHz -35dB 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
W/ LED1 YELLOW, LED2 GREEN

APPROVALS		DATE
DRAWN	AY	11/23/10
CHECKED	AH	11/23/10
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-PG-LG-M5-A	C
REF:	S00167T	SCALE: NTS
		SHEET 2 OF 2

6

5

4

3

2

1