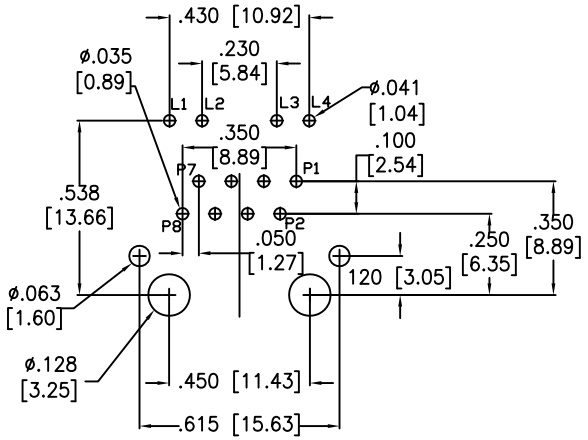
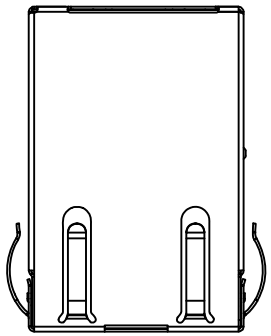
APPROVED: _____

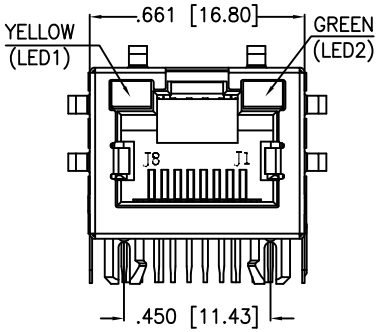
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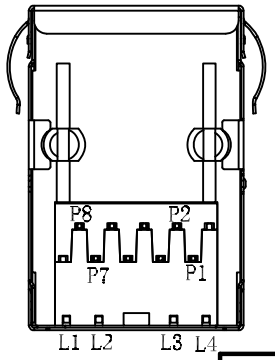
Rev	AWO #	Description	Date	Appr
-		RELEASED	11/23/10	
A		ADDED PEG DIM.	8/6/13	
B		REDRAWN (ED-20131114-ECR-01)	11/18/13	AH/AY
C		UPDATE SHAPE	1/14/15	AY/NP

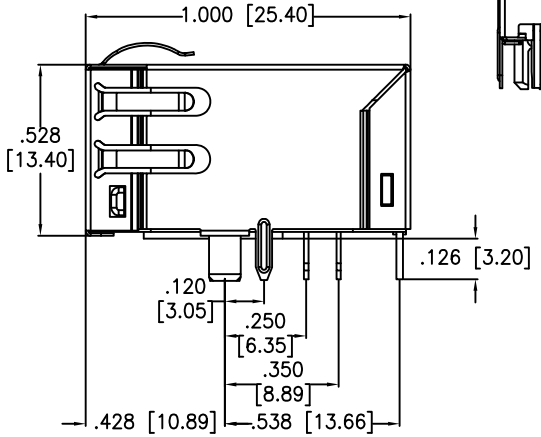


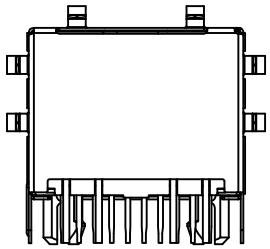
RECOMMENDED PCB LAYOUT











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

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.

RoHS COMPLIANT

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		

ADAM TECH
909 Rahway Avenue, Union, NJ 07083
Phone: 908-687-5000 Fax: 908-687-5710

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

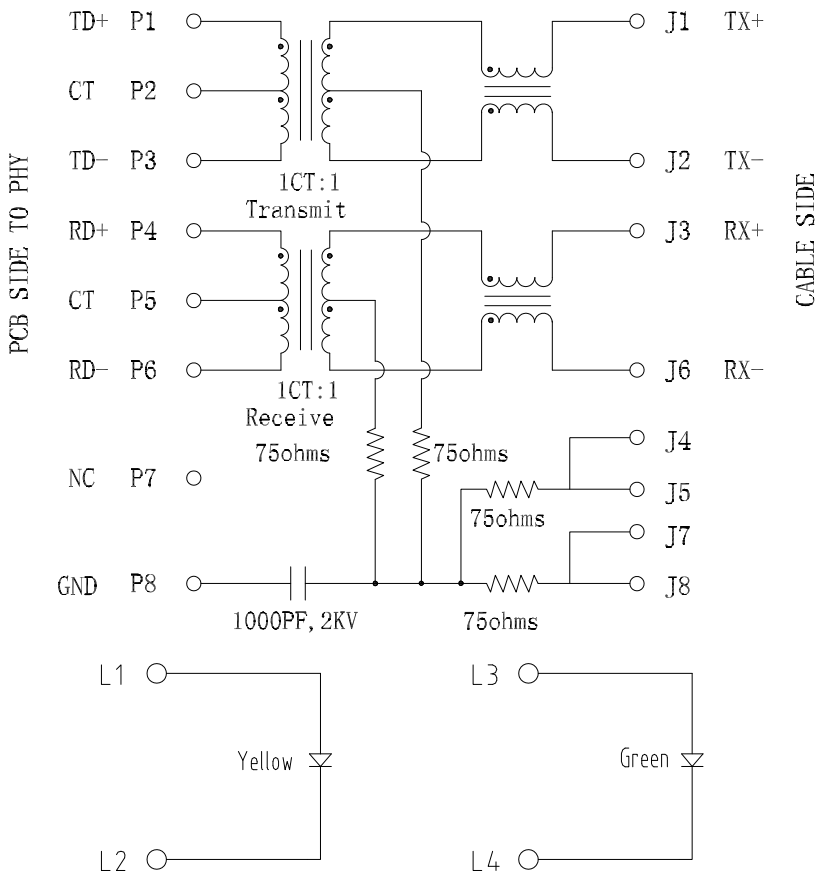
SIZE	PART NO.	REV.
X	MTJ-88SX1-FSD-PG-LG-M5-A	C

REF: S00167T | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____



ELECTRICAL SPECIFICATIONS

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

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

ADAM TECH
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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 2 OF 2