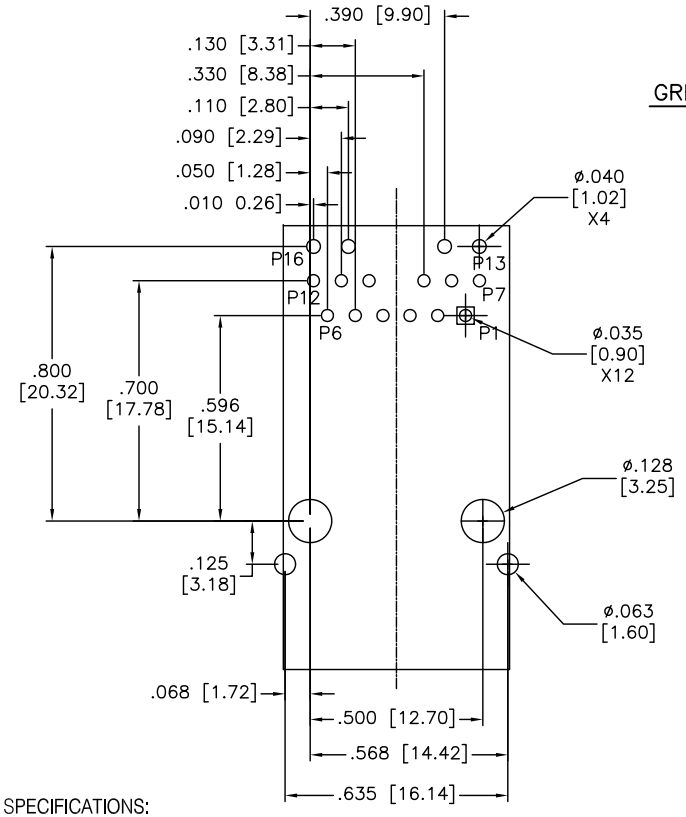
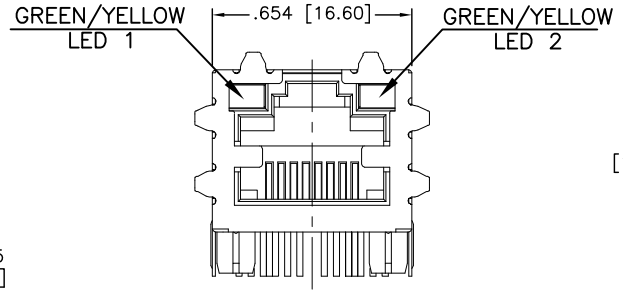
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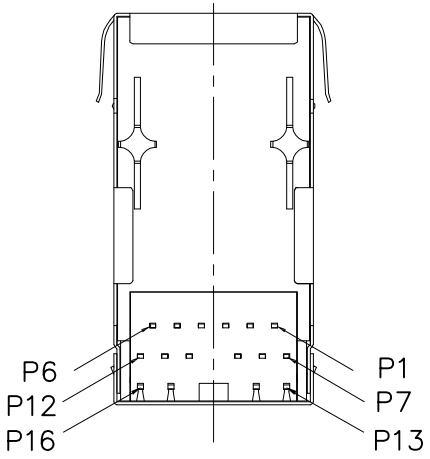
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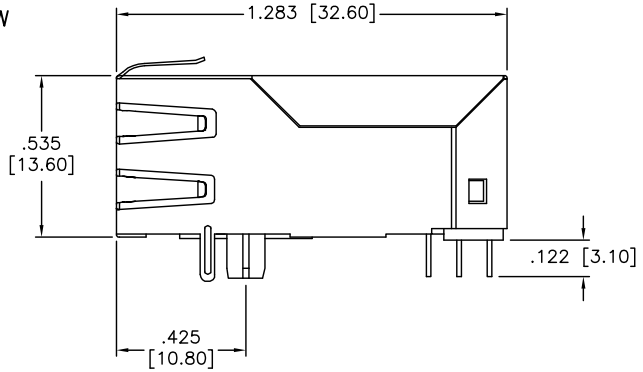
Rev	AWO #	Description	Date	Appr
-	9760	RELEASED	9/23/09	
A		REVISED OPERATING TEMPERATURE	1/13/11	
B		REDRAWN	4/10/12	
C		REVISED DIM.	7/10/14	AY/LL



RECOMMENDED PCB LAYOUT







"X"	PLATING
0	15 uin Gold
1	30 uin Gold
2	50 uin Gold

SPECIFICATIONS:

Material:
Insulator: Thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Copper Alloy
Shield: Brass, Nickel plated
Plating:
Round contact
Gold over Nickel underplate overall
Flat contact
Gold over Nickel underplate on contact area,
Tin over Nickel underplate on solder tails
(See chart for thickness)
Electrical:
Operating voltage: 150 VAC max
Contact Resistance: 20 mohms max
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 2250VDC
Temperature Rating:
Operating temperature: 0°C to +70°C
Environmental:
Lead free, RoHS compliant.

RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE 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	DY	9/23/09
CHECKED		
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 GRN/YEL, LED2 GRN/YEL

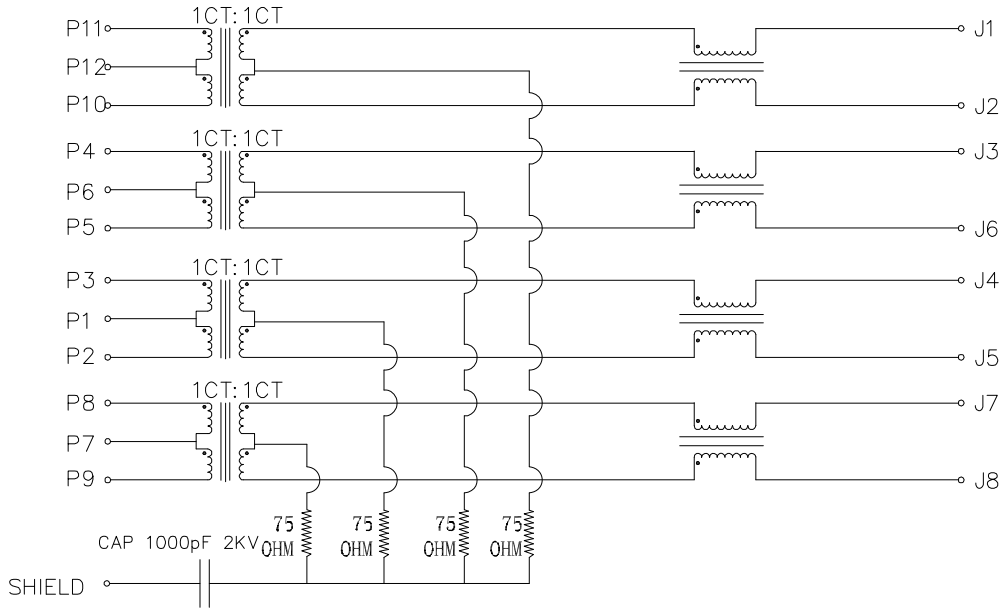
SIZE	PART NO.	REV.
X	MTJ-88CX1-FSP-PG-L16-M20	C

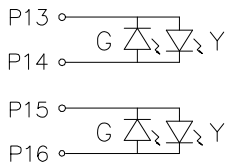
REF: S00005C | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

DATE: _____ TITLE: _____





PIN	GREEN	YELLOW	PIN	GREEN	YELLOW
P13	–	+	P15	–	+
P14	+	–	P16	+	–

SPECIFICATIONS:

1. Turn Ratio @100KHz : (P11~P10) : (J1~J2) = 1:1±5%
   (P4~P5) : (J3~J6) = 1:1±5%
   (P3~P2) : (J4~J5) = 1:1±5%
   (P8~P9) : (J7~J8) = 1:1±5%
2. Primary Inductance: 350uH Min. @ 100KHz, 0.1V, 8mA DC Bias
3. DC Resistance: 1.2 Ohms Max.
4. Insertion Loss: 1–100MHz: –1.0dB Min.
   100–125MHz: –1.2dB Min.
5. Return Loss: 1–40MHz: –16dB Max.
   30–60MHz: –12dB Max.
   60–80MHz: –10dB Max.
6. Cross Talk: 1–100MHz: –30dB Max.
7. Common To Common Mode Attenuation: 1–100MHz: –30dB Min.
8. Isolation: PHY Side to Line Side: 2250VDC

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	DY	9/23/09
CHECKED		
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 GRN/YLE, LED2 GRN/YEL

SIZE	PART NO.	REV.
X	MTJ-88CX1-FSP-PG-L16-M20	C

REF: S00005C | SCALE: NTS | SHEET 2 OF 2