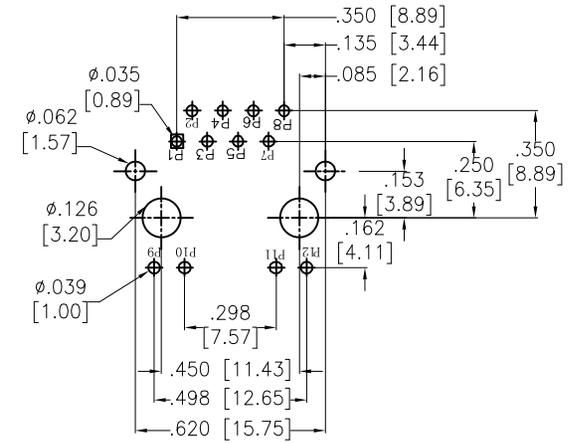
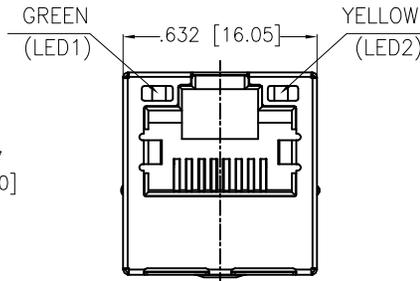
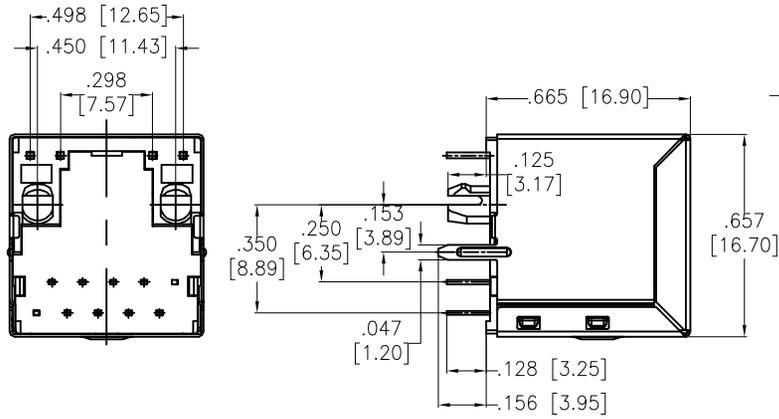


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	4/22/15	
A		UPDATE SPEC.	11/12/18	AY/NL



RECOMMENDED PCB LAYOUT

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
 Electrical:
 Voltage rating: 150 VAC
 Contact Resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1500 VAC or 2250 VDC
 Temperature Rating:
 Operating temperature: 0°C to +70°C
 Environmental:
 Lead free, 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



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

APPROVALS		DATE
DRAWN	HR	4/23/15
CHECKED	LW	4/23/15
APPROVED		

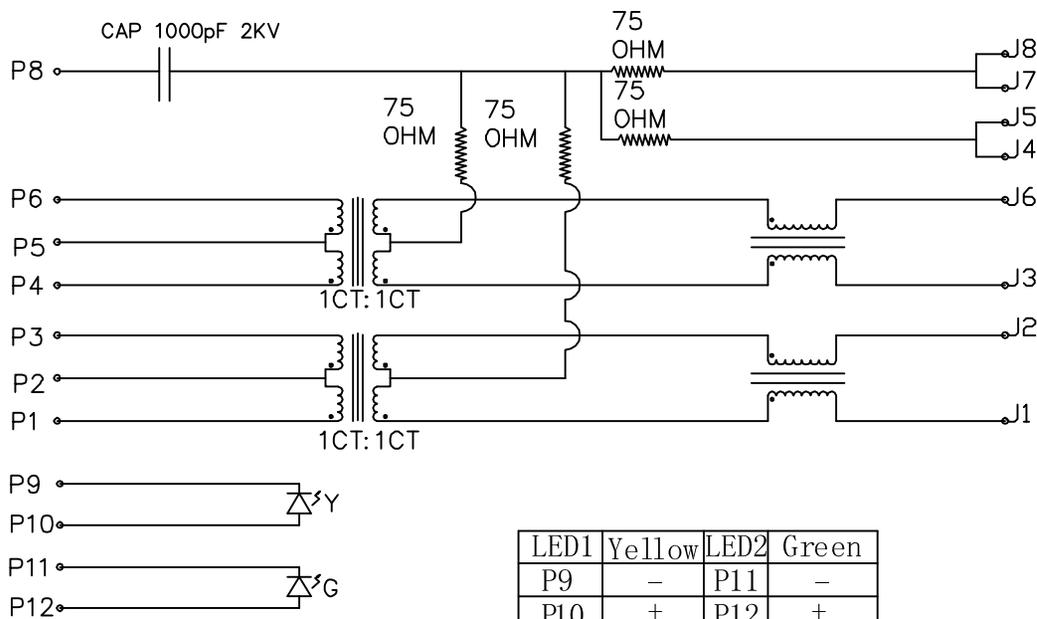
SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LH1-M5C	A
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

APPROVED: _____

DATE: _____ TITLE: _____

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



LED1	Yellow	LED2	Green
P9	-	P11	-
P10	+	P12	+

ELECTRICAL SPECIFICATIONS

- Turn Ratio @100KHz: (P1 ~ P3) : (J1 ~ J2) 1:1 ±5%
(P4 ~ P6) : (J3 ~ J6) 1:1 ±5%
- Inductance: 350uH min. @ 0.1V, 100KHZ, 8mA DC Bias
- DC Resistance: (J1 ~ J2) : (J3 ~ J6): 1.2 Ohms Max.
- Insertion Loss: 1-100MHz -1.2dB Max.
- Insertion Loss: 1-100MHz : -1.1dB Min.
30-60MHz -12dB Min.
60-80MHz -10dB Min.
- Return Loss: 1-30MHz -16dB Min.
30-60MHz -12dB Min.
60-80MHz -10dB Min.
- Cross Talk: 1-100MHz -30dB Min.
- Common to Common mode Attention 1-100MHz -30dB Min.
- Isolation: PHY Side to Line Side: 1500VAC or 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



TITLE
MODULAR JACK GANGED, 1 PORT, 8P8C
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APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-LH1-M5C	A
REF: S00005C	SCALE: NTS	SHEET 2 OF 2