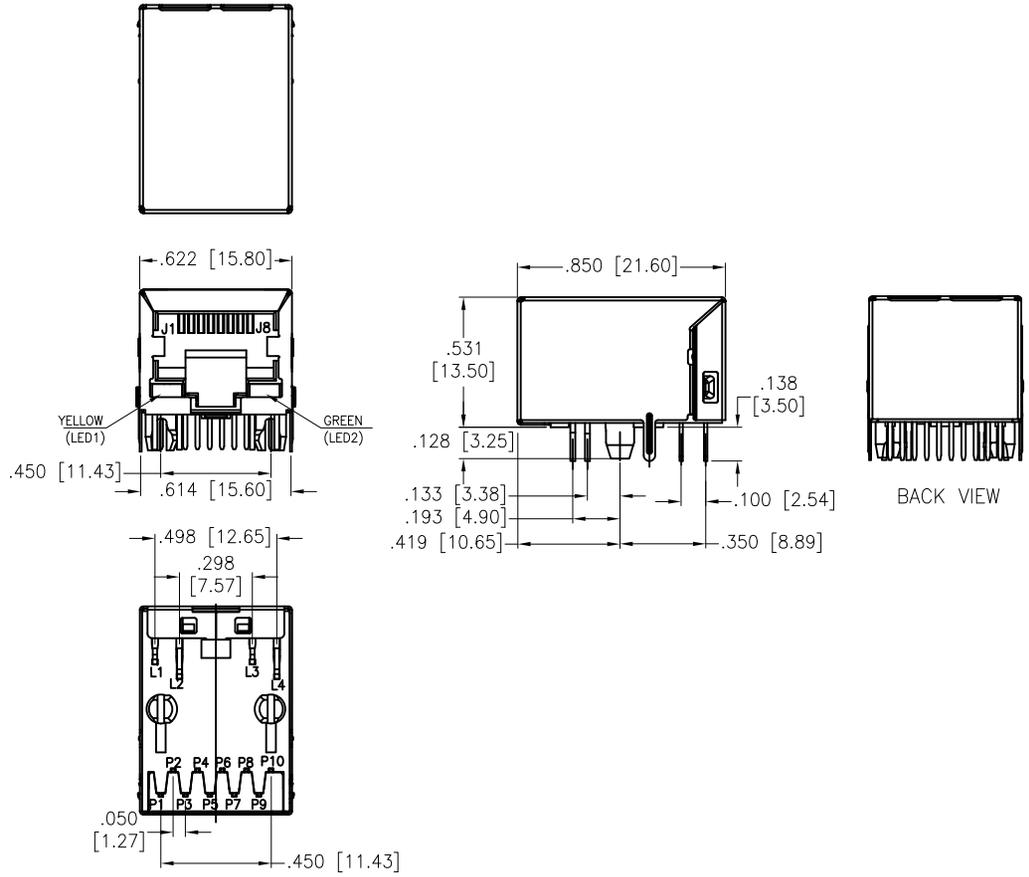
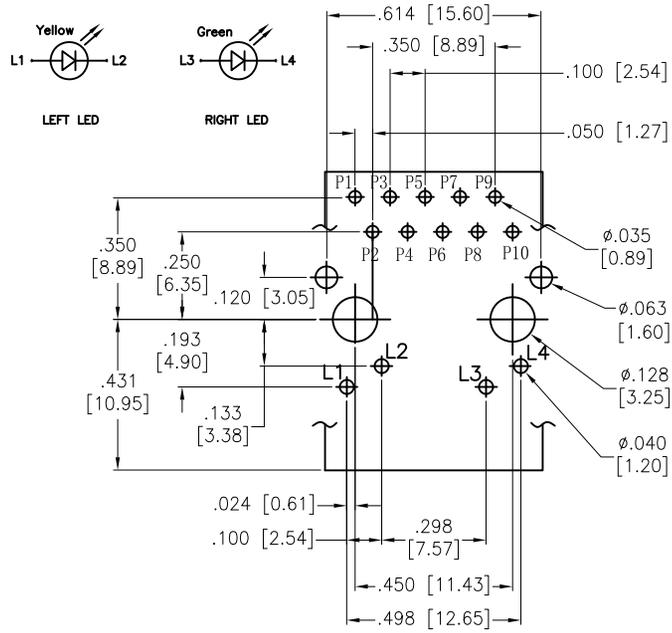


Rev	AWO #	Description	Date	Appr
-		RELEASED	5/24/16	
A		UPDATE DRAWING	8/31/21	JJ/RC

APPROVED: _____
DATE: _____ TITLE: _____



SPECIFICATIONS:
Material:
Housing: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black
Contacts: Phosphor Bronze
Solder Tail Terminal: Brass, Tin plated
Shield: Stainless, Nuckel Platrd
Flat contact
Gold over Nickel underplate on contact area,
Tin over Nickel underplate on solder tails
Electrical:
Insulation resistance: 500 Mohms min
Dielectric withstanding voltage: 1,500 VAC or 2,250 VDC for 1 minute
Mechanical:
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

DRAWN	AY	5/24/16
CHECKED	MY	5/24/16
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

ADAM TECH

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

TITLE		REV.
MODULAR JACK GANGED, 1 PORT, 8P8C RJ45, W/ LED1 YELLOW LED2 GREEN		
SIZE	PART NO.	A
X	MTJ-88TX1-FSD-D1LG-M224Y	
REF:	S00101C	SCALE: NTS
		SHEET 1 OF 2

6

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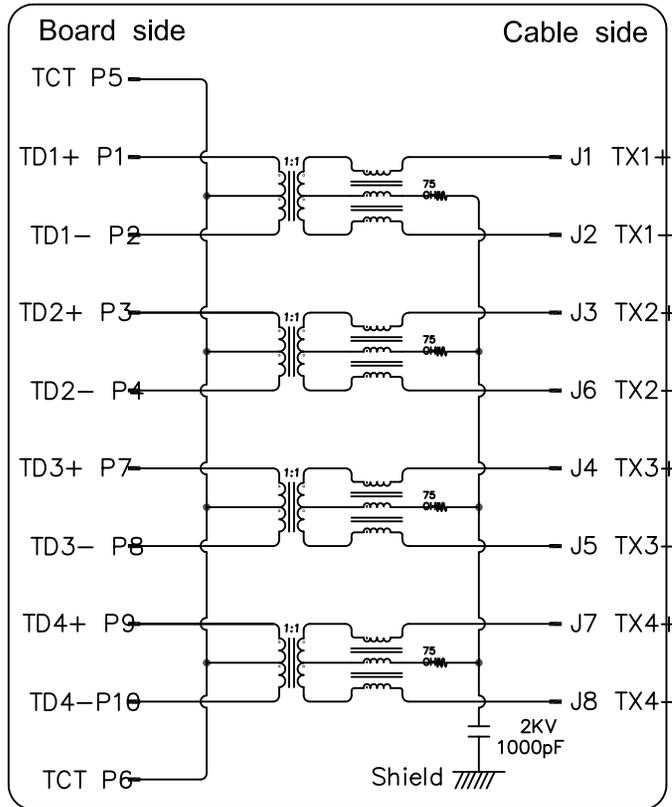
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Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____
 DATE: _____ TITLE: _____



ELECTRICAL CHARACTERISTICS :

1. INSERTION LOSS :
 - 1~100 MHz -1.0dB MAX.
2. RETURN LOSS(LOAD 100Ω) :
 - 1~30 MHz -18dB MIN
 - 30~60 MHz -16dB MIN
 - 60~80 MHz -12dB MIN
 - 80~100 MHz -10dB MIN
3. COMMON MODE REJECTION
 - 1~100 MHz -30dB MIN
4. CROSS TALK
 - 1~100 MHz -30dB MIN
5. INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P1-P2),(P3-P4),(P7-P8),(P9-P10) : 350 uH MIN
6. DCR
 - (J1-J2),(J3-J6),(J4-J5),(J7-J8) : 1.2 OHM MAX
7. HI-POT TEST
 - BOARD SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
8. TURNS RATION 100KHz
 - (P1-P2) : (J1-J2) = 1:1 ±%3
 - (P3-P4) : (J3-J6) = 1:1 ±%3
 - (P7-P8) : (J4-J5) = 1:1 ±%3
 - (P9-P10) : (J7-J8) = 1:1 ±%3

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

INCHES		HOLES	
.X ±.10	∅.X ±.10	.XX ±.020	∅.XX ±.015
.XXX ±.015	∅.XXX ±.010		

DRAWN	AY	5/24/16
CHECKED	MY	5/24/16
APPROVED		

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TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C
 RJ45, W/ LED1 YELLOW LED2 GREEN

SIZE	PART NO.	REV.
X	MTJ-88TX1-FSD-D1LG-M224Y	A

REF: S00101C SCALE: NTS SHEET 2 OF 2

6

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