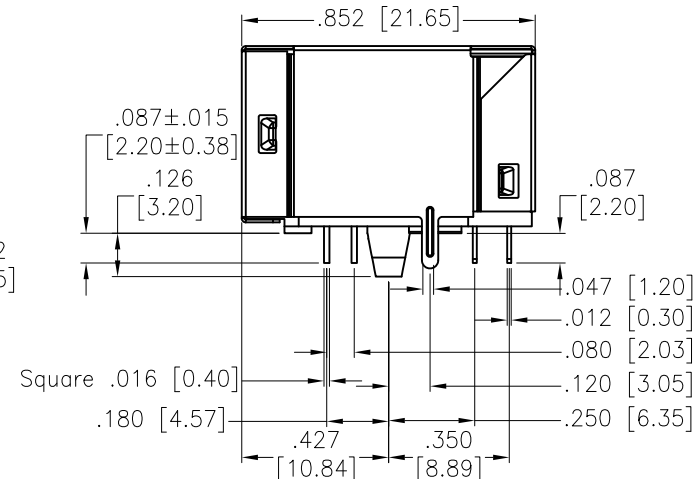
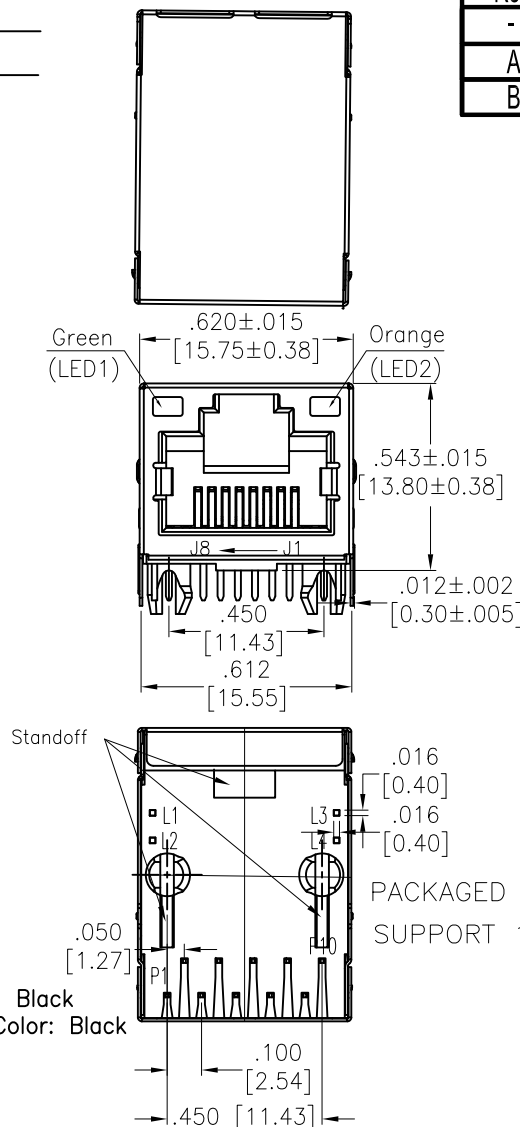
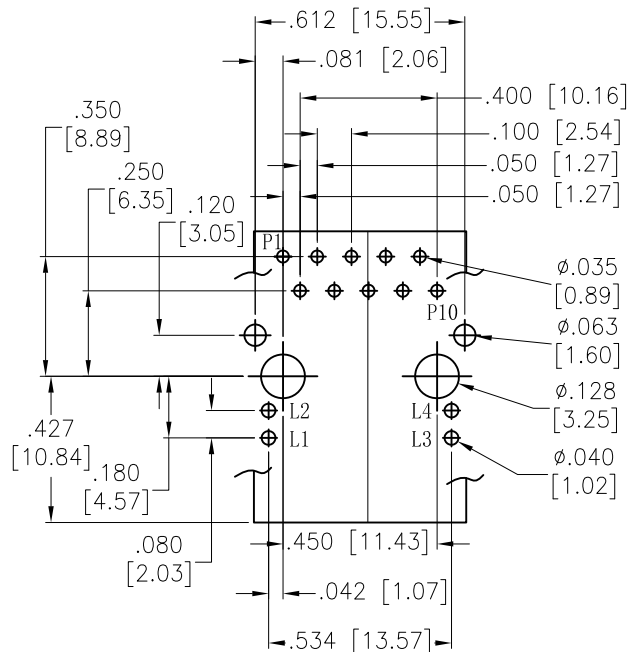


APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/28/17	
A		UPDATE DRAWING	6/24/21	JJ/RC
B		UPDATE SPEC.	12/02/21	WX/AC1



SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black

Module Case: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black

RJ Contacts: Phosphor Bronze

Solder Tail: Brass,

Shield: Stainless, Pre-Soldering 

Plating:

Round contact

Gold over Nickel underplate overall

Flat contact

Gold over Nickel underplate on contact area,

Matte Tin over Nickel underplate on solder tails

Electrical:

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1,500 VAC OR 2250 VDC for 1 minute

Temperature Rating:

Operating temperature: 0°C to +70°C

Environmental:

Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL
SUPPORT 10M/100M/1000M

PACKAGED ON TAPE & REEL

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	HR	8/28/17
CHECKED	YC	8/28/17
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
MODULAR JACK, 1 PORT, 8P8C
W/ LED1 GREEN, LED2 ORANGE

SIZE X	PART NO. MTJ-88TUX1-FSD-VL5-M236Y-HT-TR	REV. B
REF: S00111C	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

2

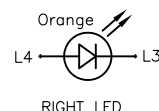
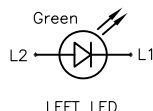
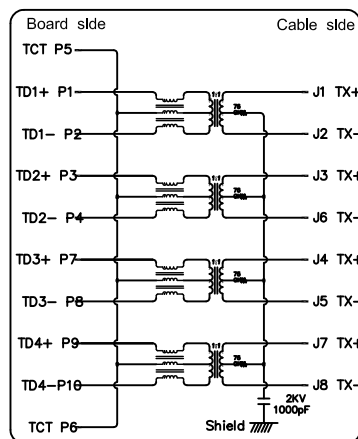
1

APPROVED: _____

DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

SEE SHT 1 OF 2 FOR REVISION



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. HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
7. TURNS RATION 100KHz
 - (P1-P2) : (J1-J2) = 1:1 ±%5
 - (P3-P4) : (J3-J6) = 1:1 ±%5
 - (P7-P8) : (J4-J5) = 1:1 ±%5
 - (P9-P10) : (J7-J8) = 1:1 ±%5

Emitting Color	λp (nm)	Vf @If=20mA	Ir @Vr=5V
Green	565	1.7V~2.6V	10μA max.
Orange	605	1.7V~2.6V	10μA max.

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	HR	8/28/17
CHECKED	YC	8/28/17
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH**ADAM**
TECH909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710TITLE
MODULAR JACK, 1 PORT, 8P8C
W/ LED1 GREEN, LED2 ORANGE

SIZE X	PART NO. MTJ-88TUX1-FSD-VL5-M236Y-HT-TR	REV. B
REF: S00111C	SCALE: NTS	SHEET 2 OF 2