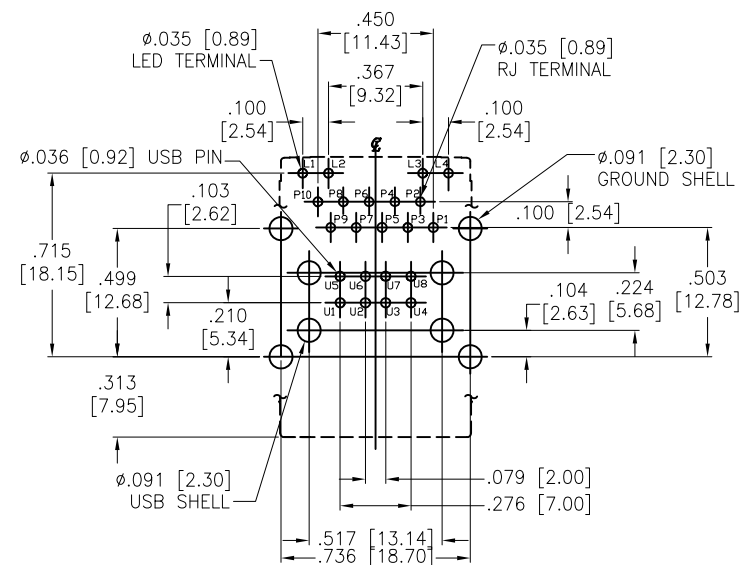
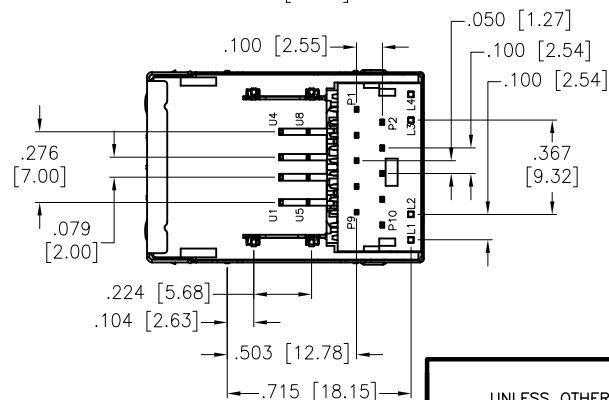
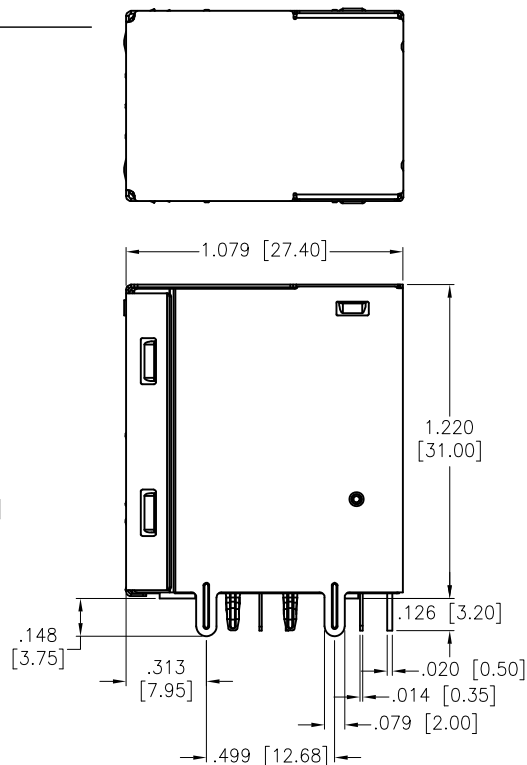
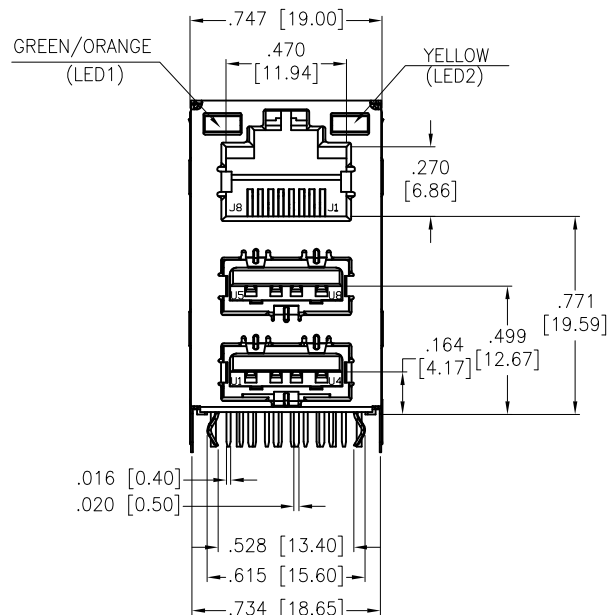


APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/12/17	



SPECIFICATIONS:

Material:

Insulator: Thermoplastic, rated UL 94V-0

Insulator color: Black

RJ Contacts: Phosphor Bronze

Solder Tail Terminal: Brass, Tin over Nickel plated

Shield: Stainless, Thickness 0.2mm, Pre-Soldering

RJ45 Contact Plating:

Gold over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

USB Contact Plating:

Gold over Nickel underplate on contact area,

Tin over Nickel underplate on tails

Electrical:

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 1000 VAC for 1 minute

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

APPROVALS		DATE
DRAWN	AY	12/12/17
CHECKED	TY	12/12/17
APPROVED		

ADAM
TECH
INTERCONNECTS

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

TITLE
MODULAR JACK 8P8C & DUAL USB A 2.0
W/ LED1 GREEN/ORANGE, LED2 YELLOW

SIZE	PART NO.	REV.
X	MTJ-DUSB-88JX1-FS-L29-M339Y	-
REF: S00101C	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

2

1

APPROVED: _____

DATE: _____ TITLE: _____

Rev

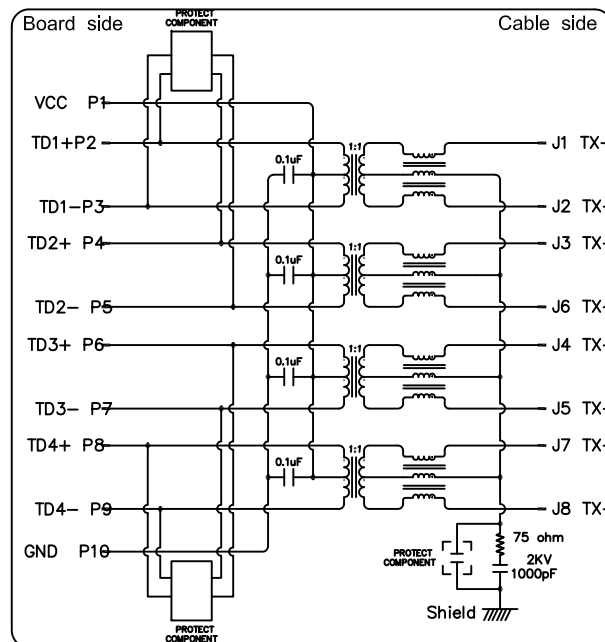
AWO #

Description

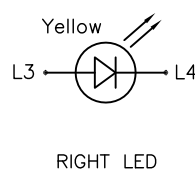
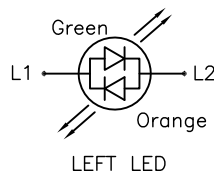
Date

Appr

SEE SHT 1 OF 2 FOR REVISION

SCHEMATIC FOR RJ45: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
 - (P2-P3),(P4-P5),(P6-P7),(P8-P9) : 350 uH MIN
6. DCR
 - (J1-J2),(J3-J6),(J4-J5),(J7-J8) : 1.2 OHM MAX.
7. HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
8. TURNS RATION 100KHz
 - (P2-P3) : (J1-J2) = 1:1 ±%5
 - (P4-P5) : (J3-J6) = 1:1 ±%5
 - (P6-P7) : (J4-J5) = 1:1 ±%5
 - (P8-P9) : (J7-J8) = 1:1 ±%5
9. ESD PROTECTION :
 - IEC 61000-4-2(ESD) 15KV(Air),8KV(Contact).
10. SURGE PROTECTION :
 - IEC 61000-4-5(Lightning) (10/700uS)
 - Line to Line: 2KV Line to Ground: 6KV



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

12/12/17

CHECKED

TY

12/12/17

APPROVED

ADAM
TECH
INTERCONNECTS

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

TITLE

MODULAR JACK 8P8C & DUAL USB A 2.0
W/ LED1 GREEN/ORANGE, LED2 YELLOW

SIZE

X

PART NO.

MTJ-DUSB-88JX1-FS-L29-M339Y

REV.

-

REF: S00101C

SCALE: NTS

SHEET 2 OF 2

6

5

4

3

2

1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Adam Tech:](#)

[MTJ-DUSB-88JX1-FS-L29-M339Y](#)