

6 5 4 3 2 1

APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/12/16	

RECOMMENDED PCB LAYOUT

**SPECIFICATIONS:**

**Material:**  
 RJ Housing: PBT, Glass reinforced, rated UL 94V-0, Color: Black  
 RJ Insert Housing: PBT, Glass reinforced, rated UL 94V-0, Color: Black  
 RJ Cover: PBT, Glass reinforced, rated UL 94V-0, Color: Black  
 RJ Contacts: Phosphor Bronze  
 RJ Shell: Brass, Nickel plated  
 USB Housing: PBT, Glass reinforced, rated UL 94V-0, Color: Black  
 USB Contacts: Brass  
 USB Front Shell: SUS, Nickel plated  
 USB Rear Cover: SPCC, Nickel plated  
 USB Shell: Brass, Nickel plated  
 LED Solder Tail: Steel, Tin 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  
 Current rating: 1.5 A max  
 Contact resistance: 20 mohms max  
 Insulation resistance: 500 Mohms min  
 Dielectric withstanding voltage: 1,500 VRMS for 1 minute  
**Temperature Rating:**  
 Operating temperature: -40°C to +85°C  
**Environmental:**  
 Lead free, RoHS compliant.

LED CHARACTERISTIC	
NO.	NODE
LED1	9+ -> -10
LED2	11+ -> -12

X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold

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

APPROVALS		DATE
DRAWN	AY	5/12/16
CHECKED	SC	5/12/16
APPROVED		

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TITLE: **MODULAR JACK 8P8C & DUAL USB A TYPE  
 W/ LED1 GREEN , LED2 YELLOW**

SIZE	PART NO.	REV.
X	MTJ-DUSB-88JX1-FS-LH	-

REF: S00065T SCALE: NTS SHEET 1 OF 1

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