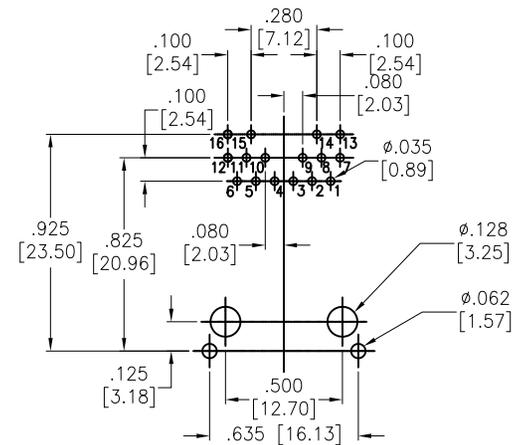
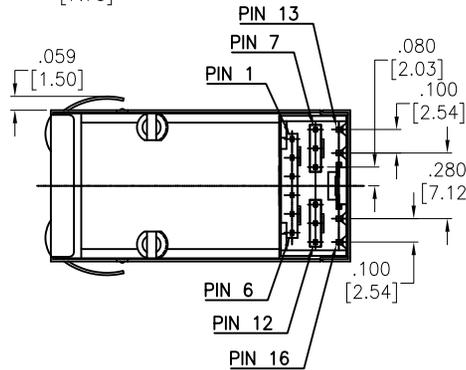
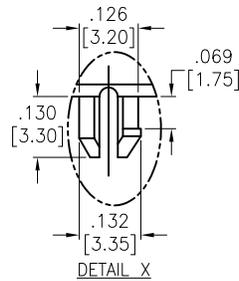
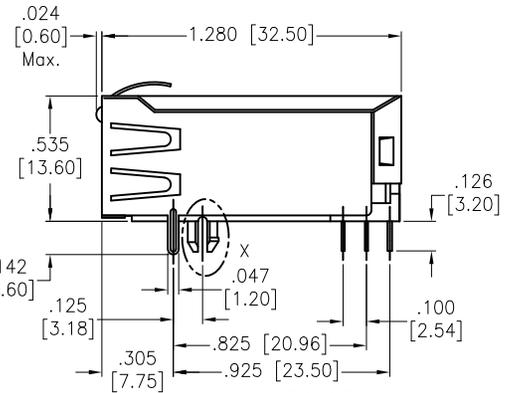
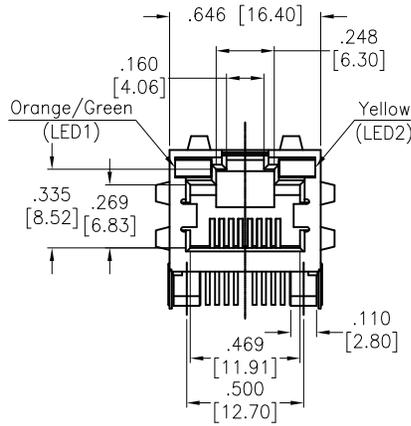


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	10/18/08	
A		UPDATE DRAWING	2/5/21	LH/TL
B		UPDATE PAGE 2	7/14/21	WX/CJ



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:
 Insulator: PBT, glass reinforced, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Shell: Brass
 LED Solder Tail: Steel

Plating:
 XXu" Gold over Nickel underplate on contact area,
 Gold Flash over Nickel underplate overall

Electrical:
 Voltage rating: 150 VAC max
 Current rating: 1.5 Amps max
 Contact resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1500 Vrms for 1 minut

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	ØX	± .10
.XX ± .020	ØXX	± .015
.XXX ± .015	ØXXX	± .010



DRAWN	DY	10/18/08
CHECKED		
APPROVED		

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

TITLE MODULAR TELEPHONE JACK , 1000 BASE T, 8P8C FULLY SHIELDED, LED1 ORANGE/ GREEN, LED2 YELLOW		
SIZE X	PART NO. MTJ-88CX1-FSP-PG-L18-M20	REV. B
REF: S00065T	SCALE: NTS	SHEET 1 OF 2

6 5 4 3 2 1

APPROVED: _____
DATE: _____ TITLE: _____

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

SPECIFICATION:

ITEM	PARAMETER	CONDITION	MIN.	TYP.	MAX.	UNIT	REMARK
1	INSERTION LOSS	0.3-100 MHz			-1	dB	
2	RETURN LOSS	0.3-40 MHz	-18			dB	
		40-100 MHz	-10			dB	NOTE 1
3	OCL (0.1V 8mA DC BIAS)	100 KHz	350			uH	
4	CROSSTALK	0.3 MHz-100 MHz	-27			dB	NOTE 2
5	HIPOT (1mA 3sec.)	Vrms	1.5			kV	
6	TURNS RATIO (CHIP : CABLE)	TX: 1 : 1 RX: 1 : 1				CT	±3%
7	DIRECT CURRENT RESISTANCE				1	Ω	25°C
8	COMMON TO COMMON MODE REJECTION	1-100 MHz		-30		dB	

* NOTE 1: Greater than (12-20 Log (f/80MHZ)) dB
2: Greater than (33-20 Log (f/50MHZ)) dB

ORANGE YELLOW
16+ [LED] -15 14+ [LED] -13
GREEN
LED SCHEMATIC

CONNECTOR SCHEMATIC

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	DY	10/18/08
CHECKED		
APPROVED		

TITLE
MODULAR TELEPHONE JACK , 1000 BASE T, 8P8C
FULLY SHIELDED, LED1 ORANGE/ GREEN, LED2 YELLOW

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SIZE X	PART NO. MTJ-88CX1-FSP-PG-L18-M20	REV. B
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REF: S00065T SCALE: NTS SHEET 2 OF 2

6 5 4 3 2 1