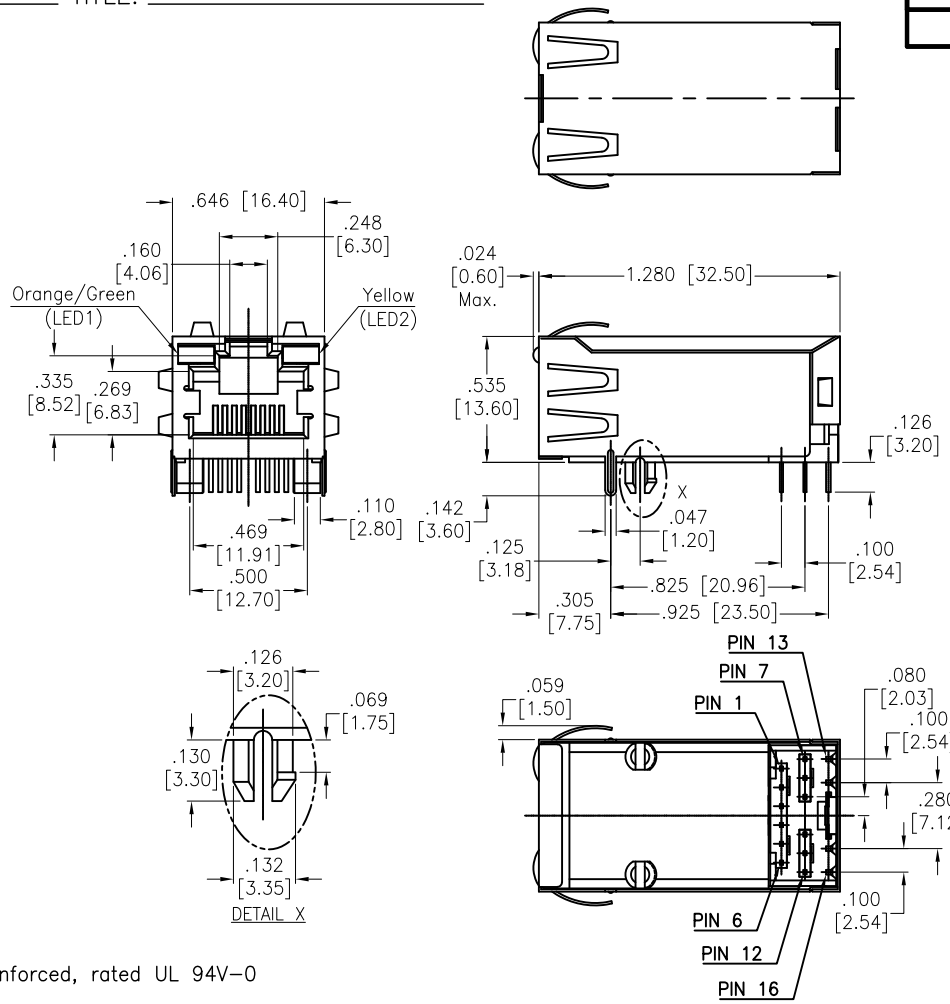
Rev	AWO #	Description	Date	Appr
-		RELEASED	10/18/08	
A		UPDATE DRAWING	2/5/21	LH/TL
B		UPDATE PAGE 2	7/14/21	WX/CJ

APPROVED: _____

DATE: _____ TITLE: _____



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. 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	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

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

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

SIZE	PART NO.	REV.
X	MTJ-88CX1-FSP-PG-L18-M20	B

REF: S00065T | SCALE: NTS | SHEET 1 OF 2

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

APPROVED: _____

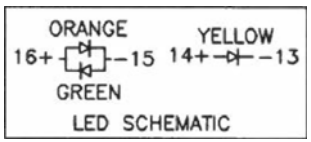
DATE: _____ TITLE: _____

SPECIFICATION:

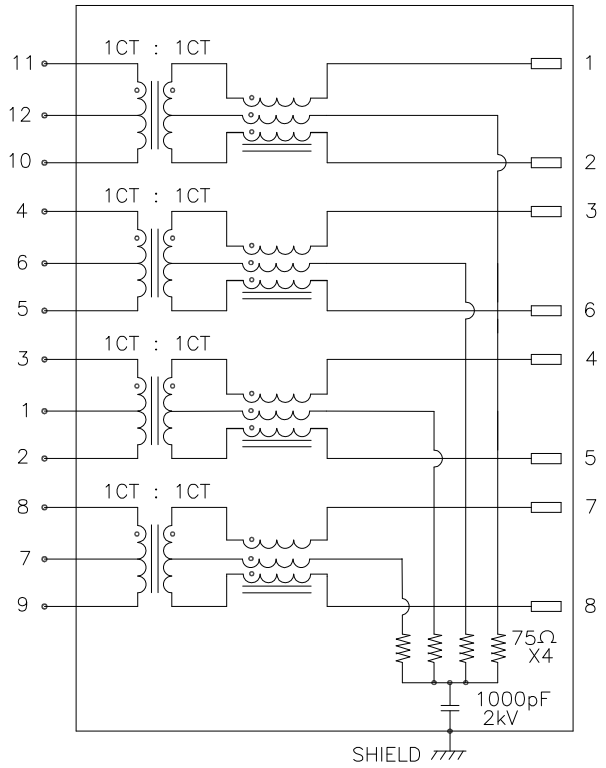
ITEM	PARAMETER	CONDITION	MIN.	TYP.	MAX.	UNIT	REMARK
1	INSERTION LOSS	0.3–100 MHz			–1	dB	
2	RETURN LOSS	0.3–40 MHz	–18			dB	
		40–100 MHz	–10			dB	NOTE 1
3	OCL (0.1V 8mA DC BIAS)	100 KHz	350			uH	
4	CROSSTALK	0.3 MHz–100 MHz	–27			dB	NOTE 2
5	HIPOT (1mA 3sec.)	Vrms	1.5			kV	
6	TURNS RATIIO (CHIP : CABLE)	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



LED SCHEMATIC



CONNECTOR SCHEMATIC

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	DY	10/18/08
CHECKED		
APPROVED		

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FULLY SHIELDED, LED1 ORANGE/ GREEN, LED2 YELLOW

SIZE	PART NO.	REV.
X	MTJ-88CX1-FSP-PG-L18-M20	B

REF:	SCALE:	SHEET
S00065T	NTS	2 OF 2