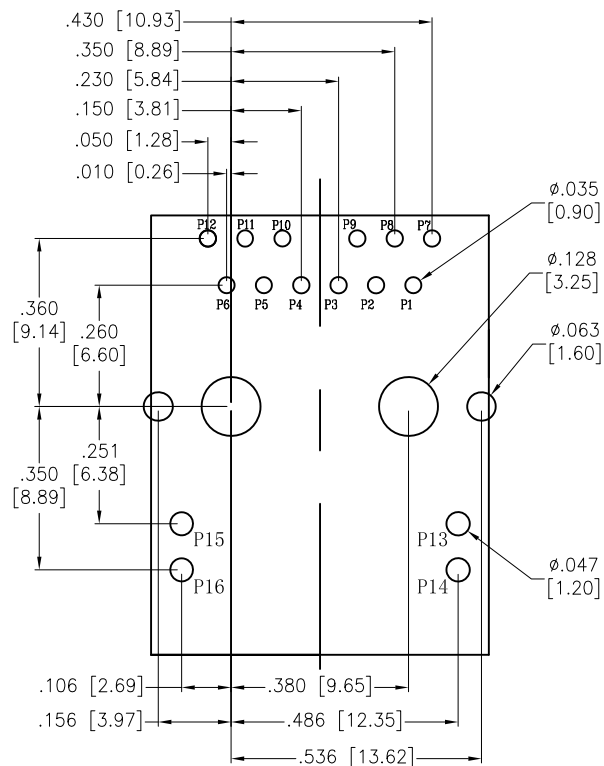


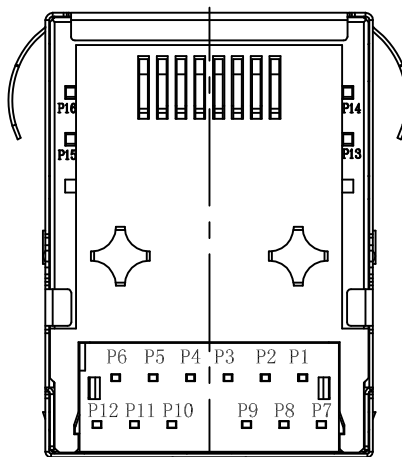
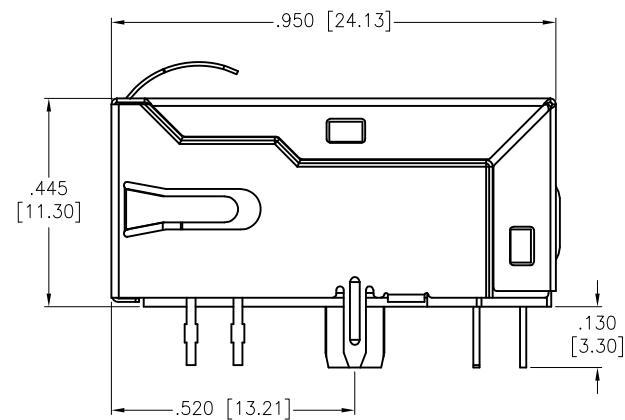
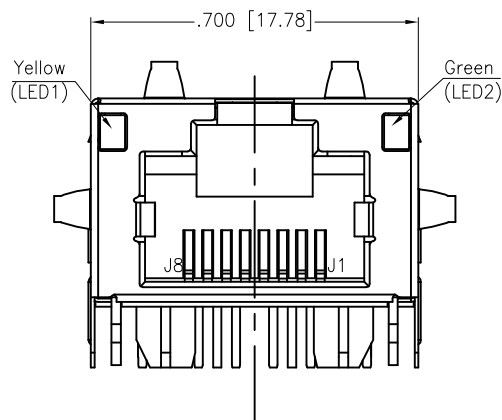
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	8/19/19	



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:

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

Contacts: Phosphor Bronze

Shield: Brass, Nickel 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

Electrical:

Voltage rating: 150 VAC

Contact Resistance: 20 mohms max

Insulation resistance: 500 Mohms min

Dielectric withstanding voltage: 2250 VDC For 1 Minute

Temperature Rating:

Operating temperature: 0°C to +70°C

Agency Certifications:

UL Recognized 

Environmental:

Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES HOLES
.X $\pm .10$ $\phi .X$ $\pm .10$
.XX $\pm .020$ $\phi .XX$ $\pm .015$
.XXX $\pm .015$ $\phi .XXX$ $\pm .010$

APPROVALS		DATE
DRAWN	LH	8/19/19
CHECKED	IW	8/19/19
APPROVED		



TITLE
MODULAR TELEPHONE JACK, 1 PORT, 8P8C
W/ LED1 YELLOW, LED2 GREEN, 5G BASE-T

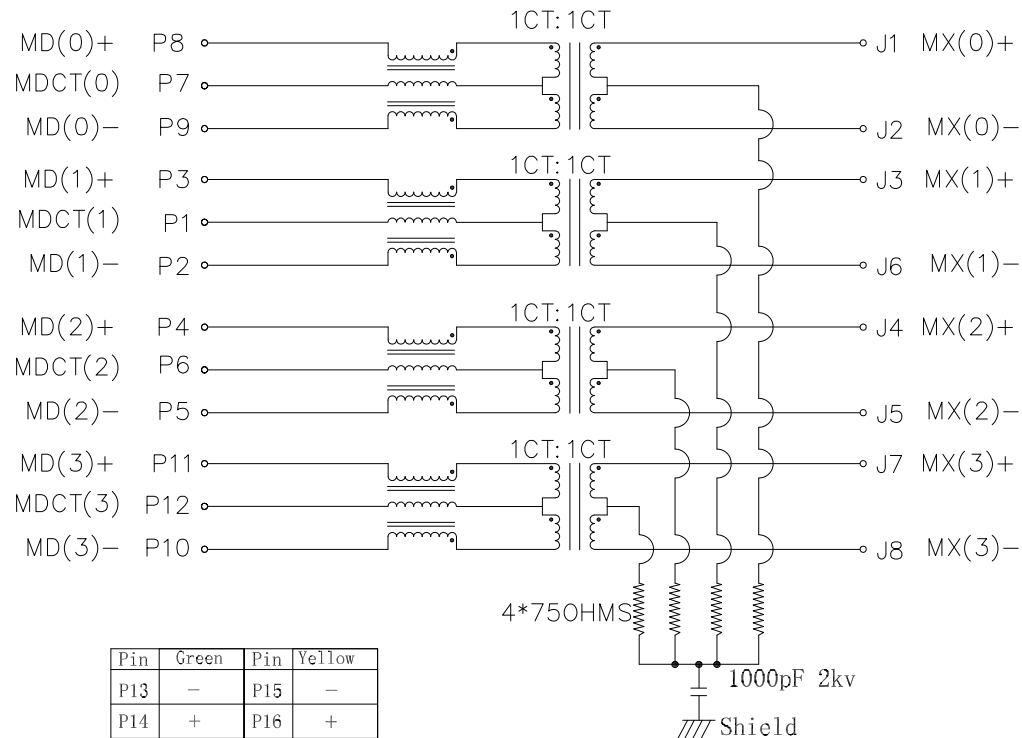
SIZE	PART NO.	REV.
X	MTJ-88SUX1-FS-PG-LG-M245C	-
REF:	S00005C	SCALE: NTS
SHEET 1 OF 2		

6 5 4 3 2 1

APPROVED: _____

DATE: _____ TITLE: _____

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



PARAMETER	SPECIFICATIONS		
URNS RATIO	1.00 ± 2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS	1-50MHz	50-125MHz	125-250MHz
	-0.5 dB MIN	-1.2 dB MIN	-2 dB MIN
RETURN LOSS	1-40 MHz	40-250 MHz	
	-16 dB MIN	16+10Log10(f/40) 40<f≤250 dB	
COMMON MODE REJECTION RATIO	1-40 MHz	40-100 MHz	100-250 MHz
	-30 dB MIN	-28 dB MIN	-26 dB MIN
DIFFERENTIAL MODE TO COMMON MODE ATTENUATION	1-250 MHz		
	-30dB MIN		
INDUCTANCE (OCL)	120uH MIN @100KHz,0.1V		
INPUT - OUTPUT ISOLATION	2250 VDC MINIMUM FOR 60 SECONDS		

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			TITLE		
DRAWN LH			MODULAR JACK GANGED, 1 PORT, 8P8C		
CHECKED IW			W/ LED1 YELLOW, LED2 GREEN, 5G BASE-T		
APPROVED			DATE		
			8/19/19		
			8/19/19		