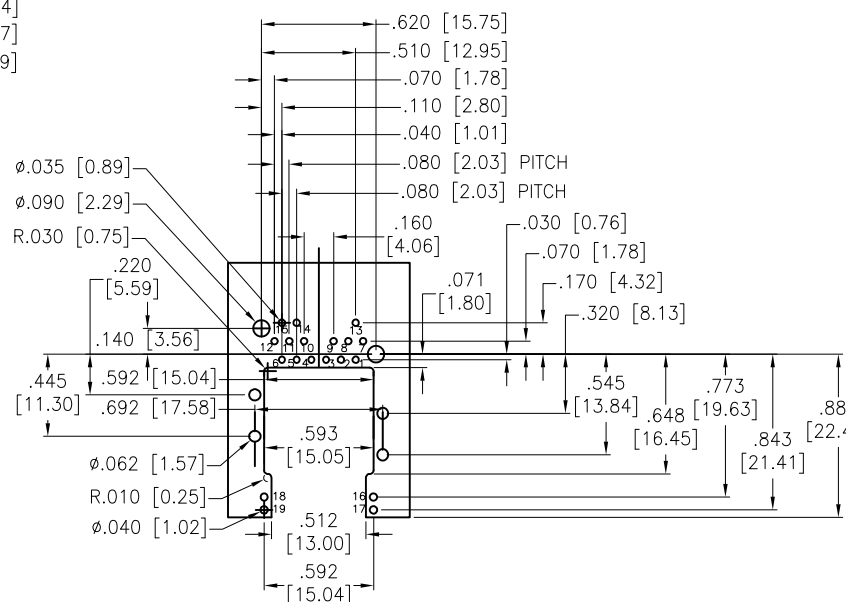
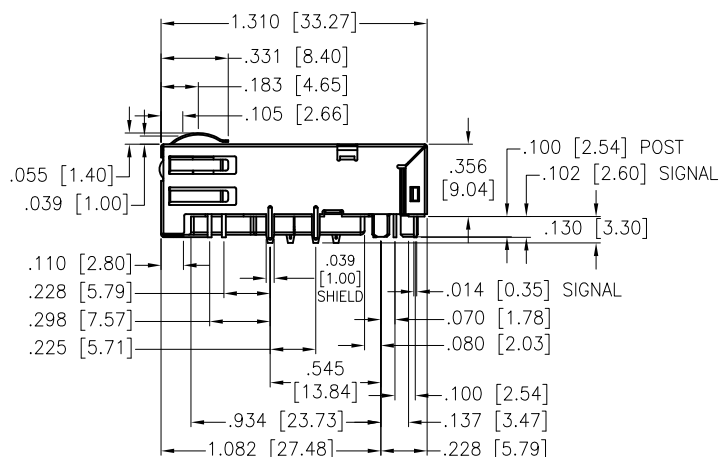
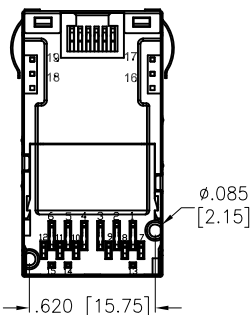
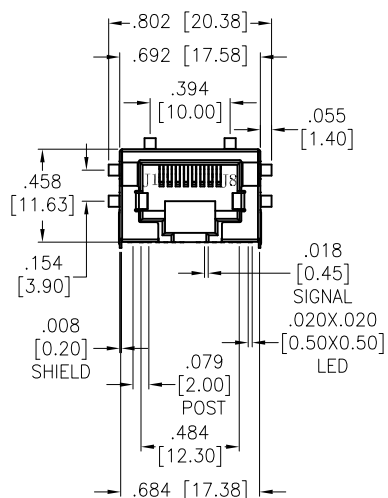


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/2/17	



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: Thermoplastic, rated UL 94V-0

Insulator 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: 2250VDC 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 HR 5/2/17

CHECKED OC 5/2/17

APPROVED



TITLE MODULAR JACK, 1 PORT, 8P8C, EDGE HANG,
W/ LED1 GREEN/YELLOW LED2 GREEN, 10G BASE-T

SIZE PART NO. REV.
X MTJ-88CEX1-FS-PG-VL38-M315C-HF -

REF: S00005C SCALE: NTS SHEET 1 OF 2

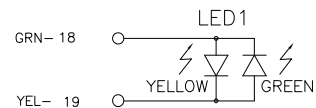
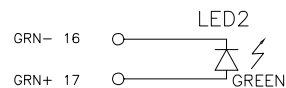
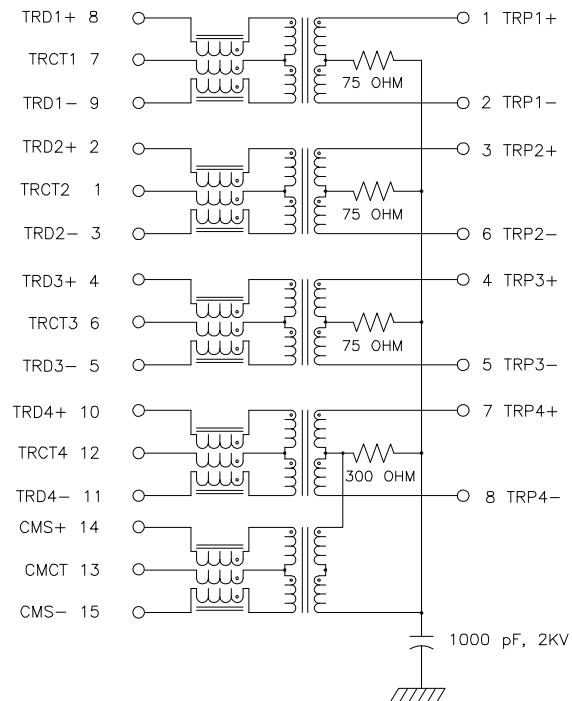
6 5 4 3 2 1

APPROVED: _____

DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

RELEASED



ELECTRICAL SPECIFICATIONS @ 25°C:

PARAMETER	SPECIFICATIONS		
URNS RATIO	1.00 ± 2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS (DATA CHANNELS)	100 KHz	1-400 MHz	
	-3.0 dB MAX	-2.0 dB MAX (-1.4dB TYP)	
RETURN LOSS (Z OUT=100 OHM ±1%)	1-40 MHz	40 MHz-400 MHz	400 MHz-500 MHz
	-16 dB MIN	-16+10LOG(F/40)dB	-6+30LOG(F/400)dB
INDUCTANCE (OCL)	160 uH MIN @ 100 KHz, 100 mV		
CROSSTALK, ADJACENT CHANNELS	1-100 MHz	100-500 MHz	
	-28 dB MIN	-19 dB MIN	
COMMON MODE REJECTION RATIO	1-40 MHz	40-100 MHz	100-500 MHz
	-30 dB MIN	-28 dB MIN	-26 dB MIN
COMMON TO DIFFERENTIAL MODE REJECTION (CDMR)	1-250 MHz	250-500 MHz	
	-30 dB MIN	-22 dB MIN	
HIPOT-OUTPUT ISOLATION	2250 VDC MIN @ 60 SECONDS		

NOTE: f IS FREQUENCY IN MHZ.

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	HR	5/2/17
CHECKED	OC	5/2/17
APPROVED		

IETABEE

TITLE MODULAR JACK, 1 PORT, 8P8C, EDGE HANG,
W/ LED1 GREEN/YELLOW LED2 GREEN, 10G BASE-T

SIZE X	PART NO. MTJ-88CEX1-FS-PG-VL38-M315C-HF	REV. -
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REF: S00005C	SCALE: NTS	SHEET 2 OF 2
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