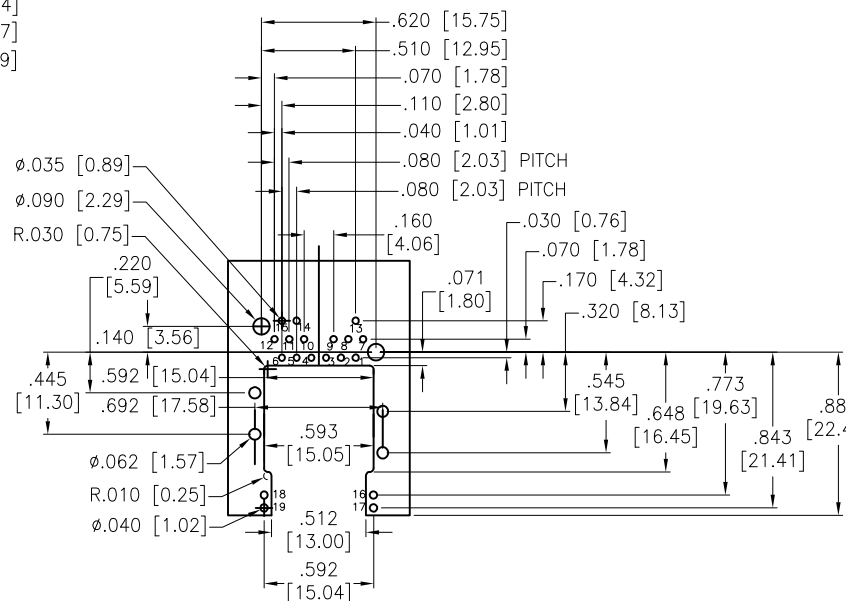
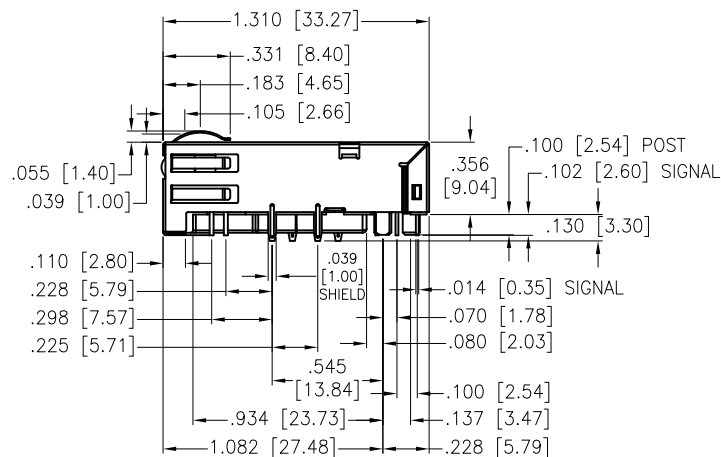
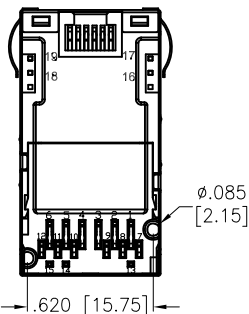
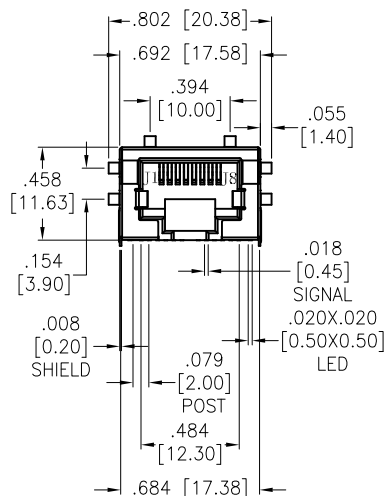


APPROVED: _____

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 ± .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		

ADAM TECH

909 Rahway Avenue, Union, NJ 07083

Phone: 908-687-5000 Fax: 908-687-5710

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

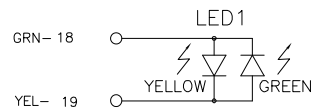
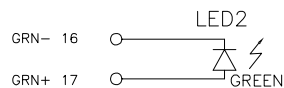
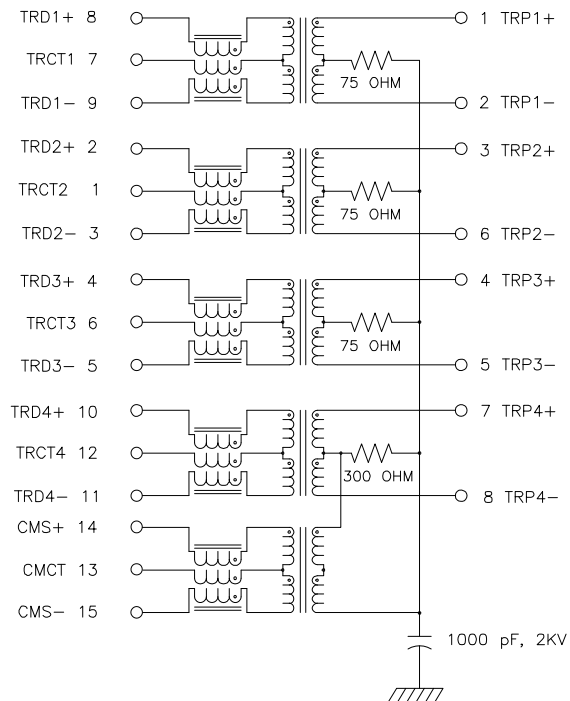
6 5 4 3 2 1

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	ADAM TECH		
	909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710		
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 2 OF 2	