

APPROVED: _____
 DATE: _____ TITLE: _____

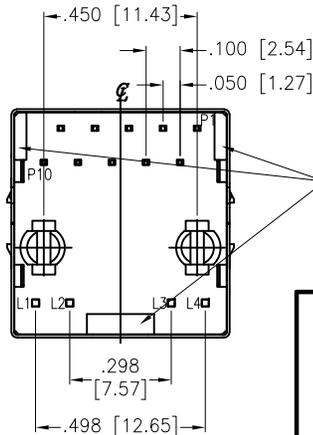
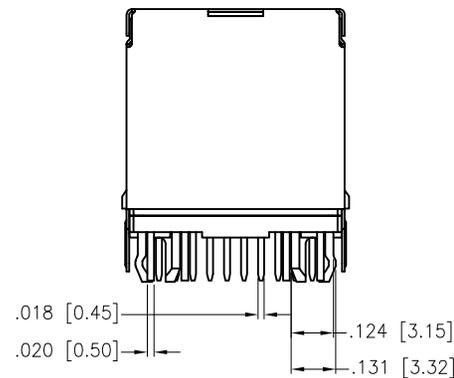
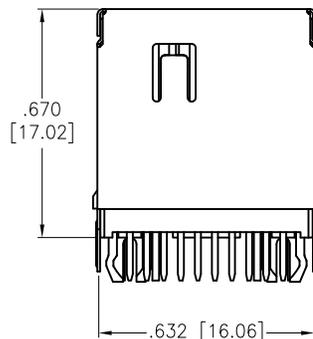
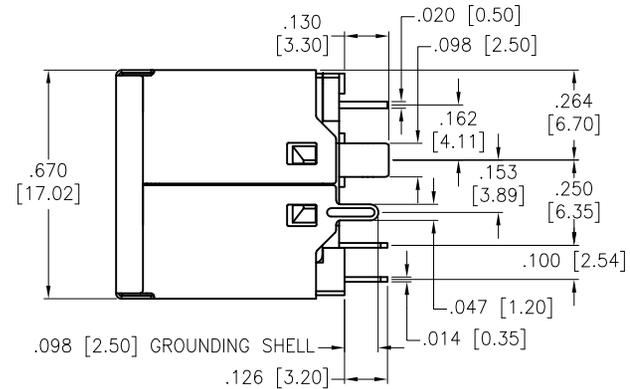
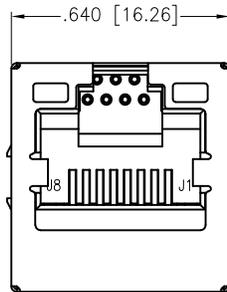
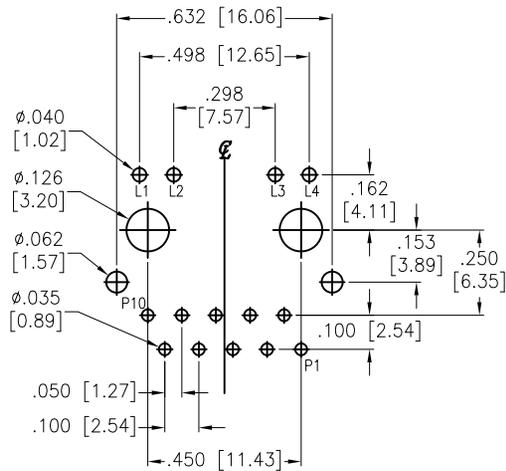
Rev	AWO #	Description	Date	Appr
-		RELEASED	7/3/19	

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SPECIFICATIONS:
 Material:
 Housing: Thermoplastic, rated UL 94V-0, Color: Black
 Spacer: High-Thermoplastic, rated UL 94V-0, Color: Black
 Contacts: Phosphor Bronze
 Solder tail: Brass, Tin over Nickel plated
 Shield: Stainless, Pre-Soldering
 Contact 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:
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1,500 VAC or 2,250 VDC for 1 minute
 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	Ø.X ± .10
.XX ± .020	Ø.XX ± .015
.XXX ± .015	Ø.XXX ± .010



APPROVALS		DATE
DRAWN	AY	7/3/19
CHECKED	RT	7/3/19
APPROVED		

TITLE			MODULAR TELEPHONE JACK, 8P8C		
			TOP ENTRY, PCB, FULL SHIELD		
SIZE	PART NO.	REV.			
X	MTJ-88AX1-FSN-L29-M371Y	-			
REF:	S00101C	SCALE:	NTS	SHEET 1 OF 2	

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6 5 4 3 2 1

APPROVED: _____
 DATE: _____ TITLE: _____

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

- INSERTION LOSS :
 - 1~100 MHz -1.0dB MAX
- RETURN LOSS(LOAD 100Ω) :
 - 1~30 MHz -18dB MIN
 - 30~60 MHz -16dB MIN
 - 60~80 MHz -12dB MIN
- COMMON MODE REJECTION
 - 1~100 MHz -30dB MIN
- CROSS TALK
 - 1~100 MHz -30dB MIN
- INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P1-P2),(P3-P4) : 350 uH MIN
- DCR
 - (J1-J2),(J3-J6): 1.2 Ohm MAX
- HI-POT TEST
 - BOARD SIDE TO CABLE SIDE :
 1500VAC 60S OR 2250VDC 60S
- TURNS RATION 100KHz
 - (P1-P2) : (J1-J2) = 1:1 ±%3
 - (P3-P4) : (J3-J6) = 1:1 ±%3
- ESD PROTECTION:
 - IEC 61000-4-2 (ESD) 15KV(Air), 8KV(Contact)
- SURGE PROTECTION :
 - IEC 61000-4-5 (Lightning) 12A(8/20uS)
 - Line to Line: 1KV Line to Ground: 4KV

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

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TITLE: MODULAR TELEPHONE JACK, 8P8C
 TOP ENTRY, PCB, FULL SHIELD

SIZE	PART NO.	REV.
X	MTJ-88AX1-FSN-L29-M371Y	-

REF: S00101C SCALE: NTS SHEET 2 OF 2

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