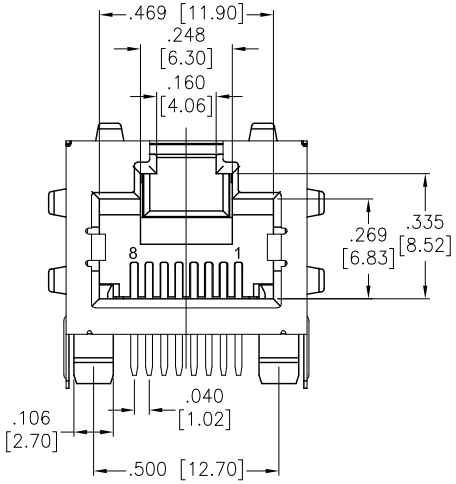
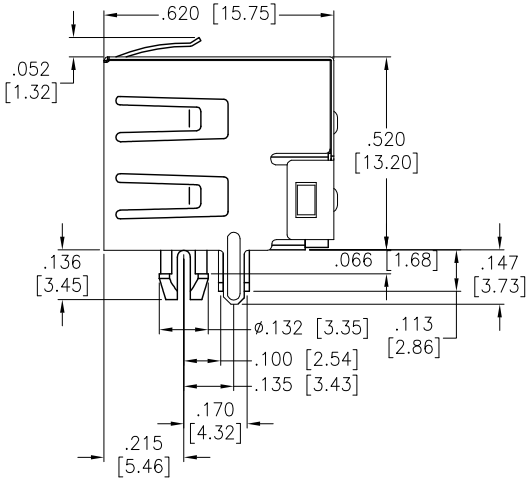
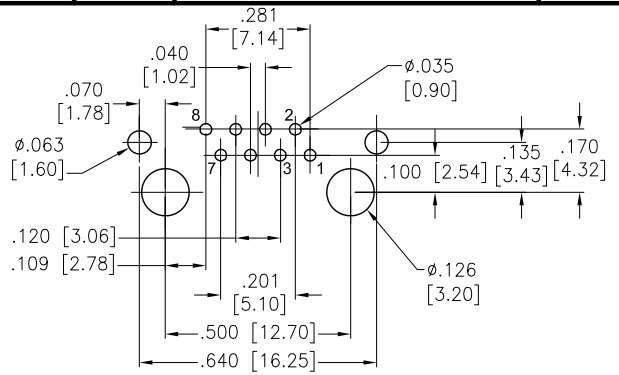
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-	349	Released	1/15/04	
A		REDRAWN	6/26/12	
B		ADDED PANEL CUTOUT AND JACK LOCATION	8/14/12	
C		REVISED HEIGHT DIMENSION	8/21/12	
D		REVISED SHAPE & SPEC.	4/22/14	AY/JL
E		UPDATED SPEC.	4/13/15	HR/LW
F		UPDATED SPEC.	1/15/16	HR/LW
G		UPDATED SPEC.	6/17/16	AY/CH

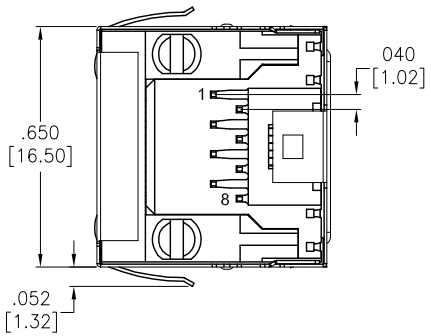


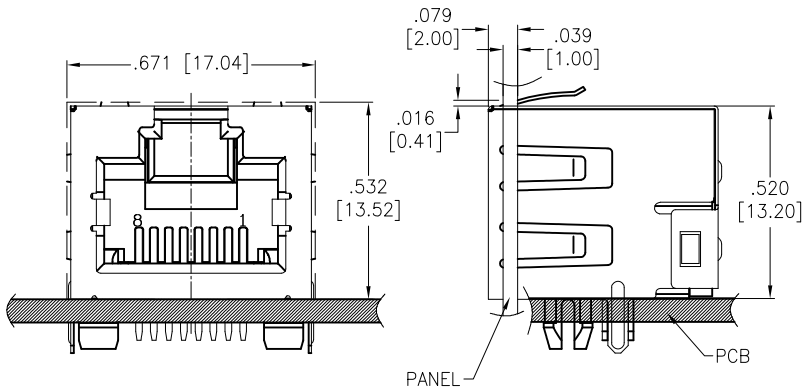




RECOMMENDED PCB LAYOUT

X	PLATING
0	15 µin Gold
1	30 µin Gold
2	50 µin Gold





RECOMMENDED PANEL CUTOUT AND JACK LOCATION

SPECIFICATIONS:

Material:
Insulator: PBT, glass reinforced, rated UL 94V–0
Insulator color: Black
Contacts: Phosphor Bronze
Shield: Brass, Nickel plated
Cantacts Plating:
Round contact
Gold over Nickel underplate overall
Flat contact
Gold over Nickel underplate on contact area,
Tin over Nickel underplate on solder tails
(See chart for thickness)

Electrical:
Voltage rating: 150 VAC rms
Current rating: 1.5 Amps max
Contact resistance: 20 mohms max. initial
Insulation resistance: 1000 Mohms min @ 500 VDC
Dielectric withstanding voltage:
Contact to Contact: 1,000 VDC or AC Peak for 1 minute
Contact to Screen and Test panel: 1,500 VDC or AC Peak for 1 minute

Temperature Rating:
Operating temperature: –40°C to +85°C
Environmental:
Lead free, RoHS compliant.

RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MM [INCHES]
TOLERANCES: EXCEPT AS NOTED

	INCHES		HOLES
.X	± .10 [2.54]	Ø.X	±.10 [2.54]
.XX	± .020 [.51]	Ø.XX	±.015 [.38]
.XXX	± .015 [.38]	Ø.XXX	±.010 [.25]

APPROVALS		DATE
DRAWN	SLS	8/14/03
CHECKED		
APPROVED		

ADAM TECH
909 Rahway Avenue, Union, NJ 07083
Phone: 908–687–5000 Fax: 908–687–0214

TITLE
MODULAR TELEPHONE JACK, R/A
W/ PANEL GROUNDS

SIZE	PART NO.	REV.
X	MTJ-88ARX1-FSM-PG6	G

REF: S00005C | SCALE: NTS | SHEET 1 OF 1