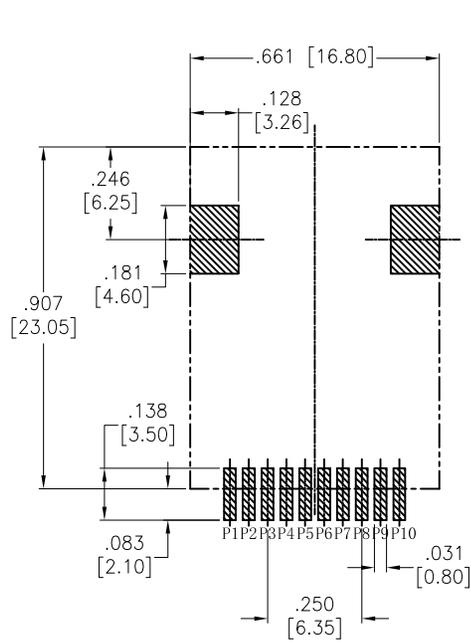


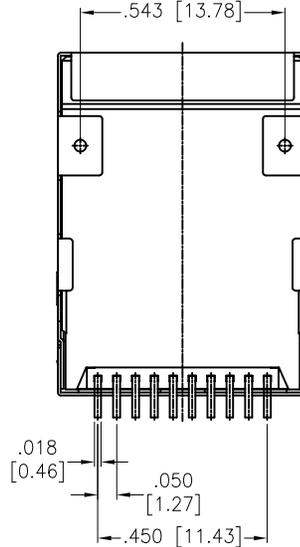
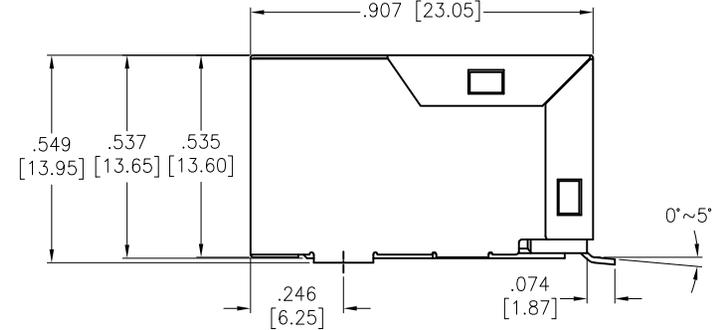
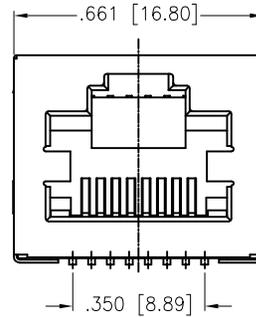
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/12/20	
A		UPDATE PACKING.	3/18/21	WX/YC
B		UPDATE PACKING.	3/8/24	LH/RL



RECOMMENDED PCB LAYOUT
COMPONENT SIDE VIEW



SPECIFICATIONS:

Material:
 Housing: Hi-Temp Thermoplastic, rated UL 94V-0
 Housing Color: Black
 Inserter: Hi-Temp Thermoplastic, rated UL 94V-0
 Inserter Color: Black
 Contacts: Copper Alloy
 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: 1,500VAC or 2,250VDC

Temperature Rating:
 Operating temperature: 0°C to +70°C

Environmental:
 Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

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

DRAWN	AY	3/12/20
CHECKED	LW	3/12/20
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH



TITLE
 MODULAR TELEPHONE JACK, 1 PORT, 8P8C
 NO PEG, SMT TYPE

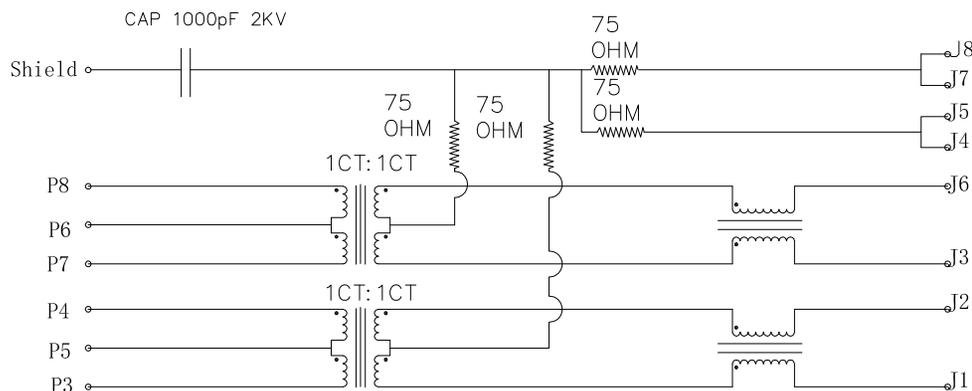
SIZE X	PART NO. MTJ-88TULX1-FS-NP-SMT-M360C-T/R	REV. B
REF: S00005C	SCALE: NTS	SHEET 1 OF 3

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

Circuit Schematic:



Electronical Specifications:

- 1. Turn Ratio @100KHz: (P3~P4):(J1~J2) = 1:1±5%
(P7~P8):(J3~J6) = 1:1±5%
- 2. Primary Inductance: 350uH MIN @100KHZ, 0.1V 8mA DC BIAS
- 3. DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- 4. Insertion Loss: 1-100MHz -1.2dB MAX
- 5. Return Loss: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
- 6. CROSS TALK: 1-100MHz -30dB MIN
- 7. COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- 8. Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

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		

DRAWN	AY	3/12/20
CHECKED	LW	3/12/20
APPROVED		

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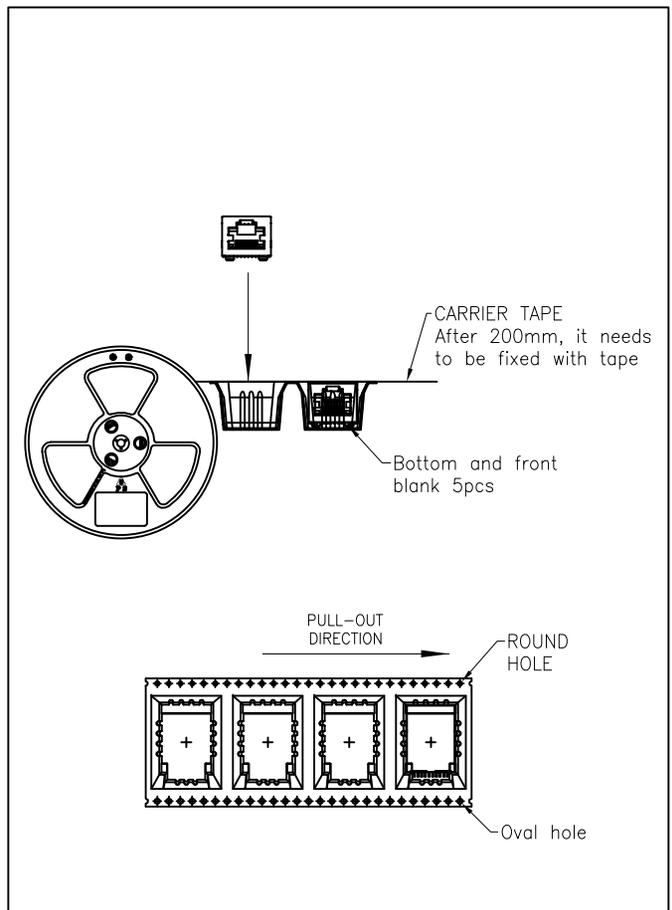


TITLE			MODULAR TELEPHONE JACK, 1 PORT, 8P8C NO PEG, SMT TYPE		
SIZE	PART NO.	REV.			
X	MTJ-88TULX1-FS-NP-SMT-M360C-T/R	B			
REF:	S00005C	SCALE:	NTS	SHEET 2 OF 3	

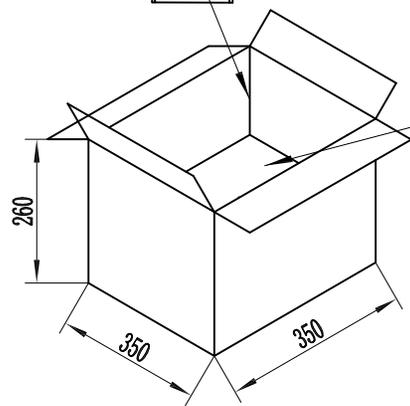
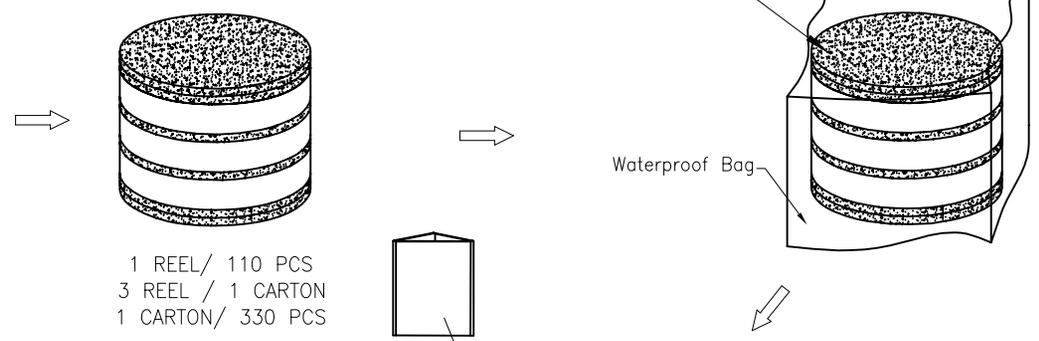
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				



3 trays in a box, each tray is padded with one piece of foam, and the top and bottom are padded with two pieces of foam.



3 trays in a box, each tray is padded with one piece of foam, and the top and bottom are padded with two pieces of foam.

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

DRAWN	AY	3/12/20
CHECKED	LW	3/12/20
APPROVED		

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TITLE			MODULAR TELEPHONE JACK, 1 PORT, 8P8C NO PEG, SMT TYPE		
SIZE	PART NO.	REV.			
X	MTJ-88TULX1-FS-NP-SMT-M360C-T/R	B			
REF:	S00005C	SCALE:	NTS	SHEET 3 OF 3	