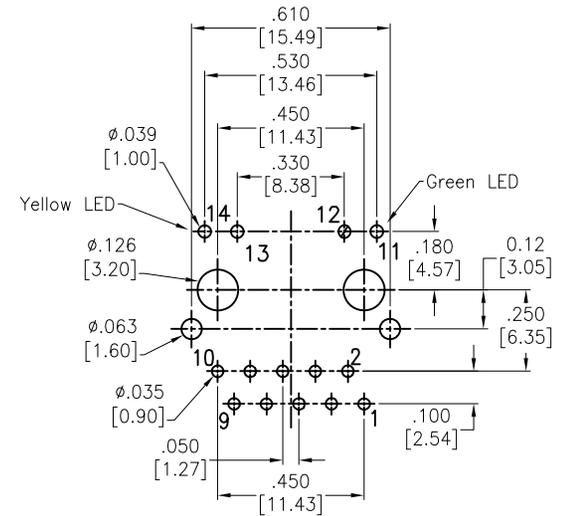
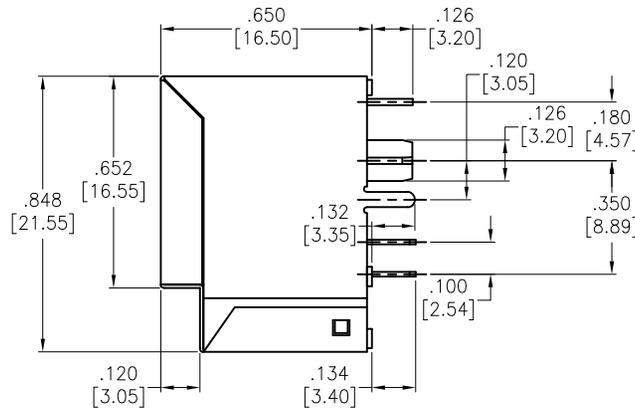
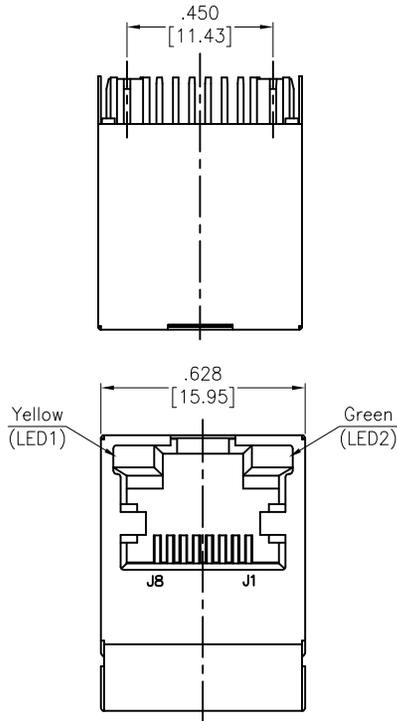


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	03/18/19	
A		UPDATE SPEC.	3/21/19	AY/KC
B		ADDED PACKING	3/22/22	WX/TW
C		UPDATE SPEC.	4/13/22	LH/KC



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:
 Insulator: PBT, Glass Fiber, rated UL94 V-0
 Insulator color: Black
 Insert Housing: PBT, Glass Fiber, rated UL94 V-0, Color: Black
 Contacts: Phosphor Bronze
 Shell: Brass, Nickel Plated Δ
 LED Solder Tail: Steel, Tin plated
 Plating:
 Gold over Nickel underplate on contact area,
 Gold flash over Nickel underplate on solder tails.
 Electrical:
 Voltage rating: 150 VAC max.
 Current rating: 1.5 Amps max.
 Contact resistance: 20 mohms max
 Insulation resistance: 500 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 1500 VAC 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	ØX ± .10
.XX ± .020	ØXX ± .015
.XXX ± .015	ØXXX ± .010



DRAWN	TW	03/19/19
CHECKED	KC	03/19/19
APPROVED		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH		

TITLE MODULAR TELEPHONE JACK, 8P8C, TOP ENTRY FULL SHIELD, W/ LED1 YELLOW, LED2 GREEN		
SIZE X	PART NO. MTJ-88KX1-FSD-LG-M269S	REV. C
REF: S00065T	SCALE: NTS	SHEET 1 OF 3

6

5

4

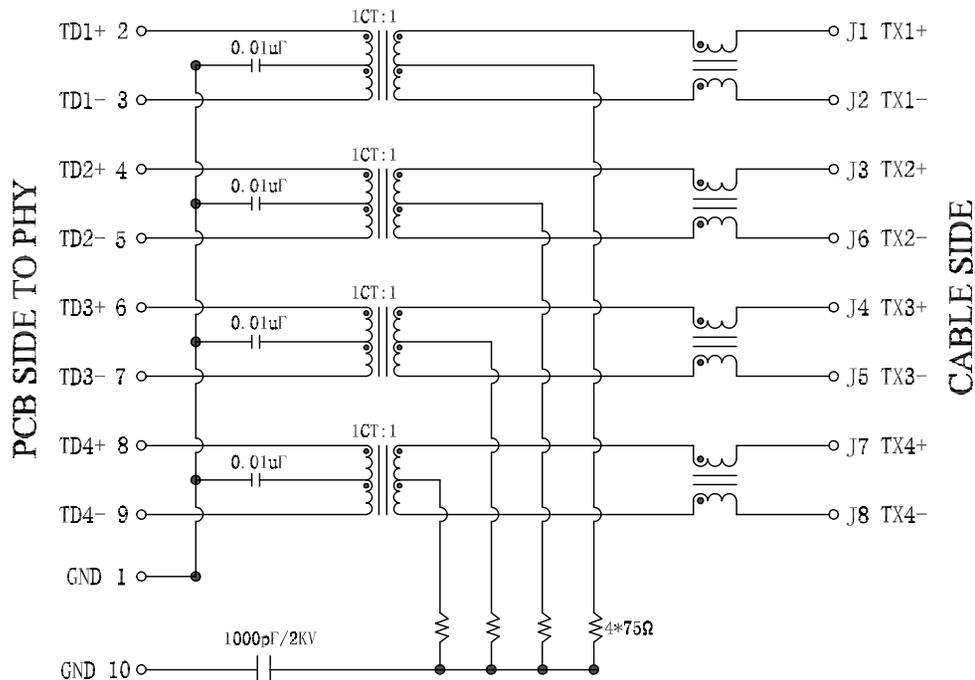
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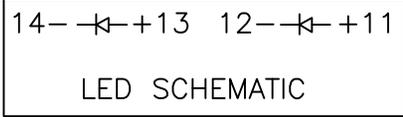
Rev	AWO #	Description	Date	Apr
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SEE SHT 1 OF 3 FOR REVISION



Electrical:

- Turn ratio: 2~3: J1~J2=1CT:1CT(±2%).
4~5: J3~J6=1CT:1CT(±2%).
6~7: J4~J5=1CT:1CT(±2%).
8~9: J7~J8=1CT:1CT(±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 2250V DC 6S 1mA PRI TO SEC



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

INCHES		HOLES	
.X	± .10	ØX	± .10
.XX	± .020	ØXX	± .015
.XXX	± .015	ØXXX	± .010

DRAWN	TW	03/19/19
CHECKED	KC	03/19/19
APPROVED		

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

TITLE: MODULAR TELEPHONE JACK, 8P8C, TOP ENTRY FULL SHIELD, W/ LED1 YELLOW, LED2 GREEN

SIZE	PART NO.	REV.
X	MTJ-88KX1-FSD-LG-M269S	C

REF: S00065T SCALE: NTS SHEET 2 OF 3

6

5

4

3

2

1

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5

4

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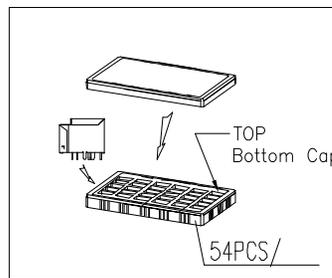
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Rev	AWO #	Description	Date	Appr
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SEE SHT 1 OF 3 FOR REVISION

D

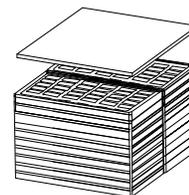
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C

C

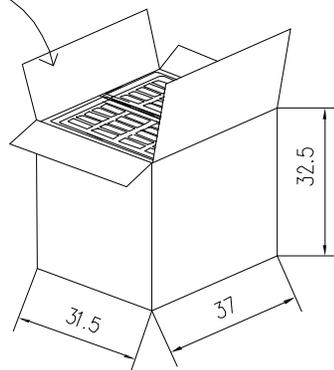
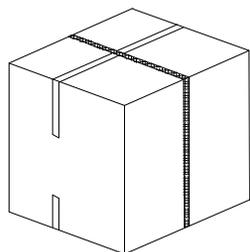
1 Tray = 54 PCS
 1 Row = 12 Tray
 1 Carton = 2 Row
 Total = 1296 PCS



B

B

CARTON



UNIT: MM

A

A

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	TW	03/19/19
CHECKED	KC	03/19/19
APPROVED		

TITLE	REV.
MODULAR TELEPHONE JACK, 8P8C, TOP ENTRY FULL SHIELD, W/ LED1 YELLOW, LED2 GREEN	C

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

SIZE	PART NO.	REV.
X	MTJ-88KX1-FSD-LG-M269S	C

REF: S00065T	SCALE: NTS	SHEET 3 OF 3
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6

5

4

3

2

1