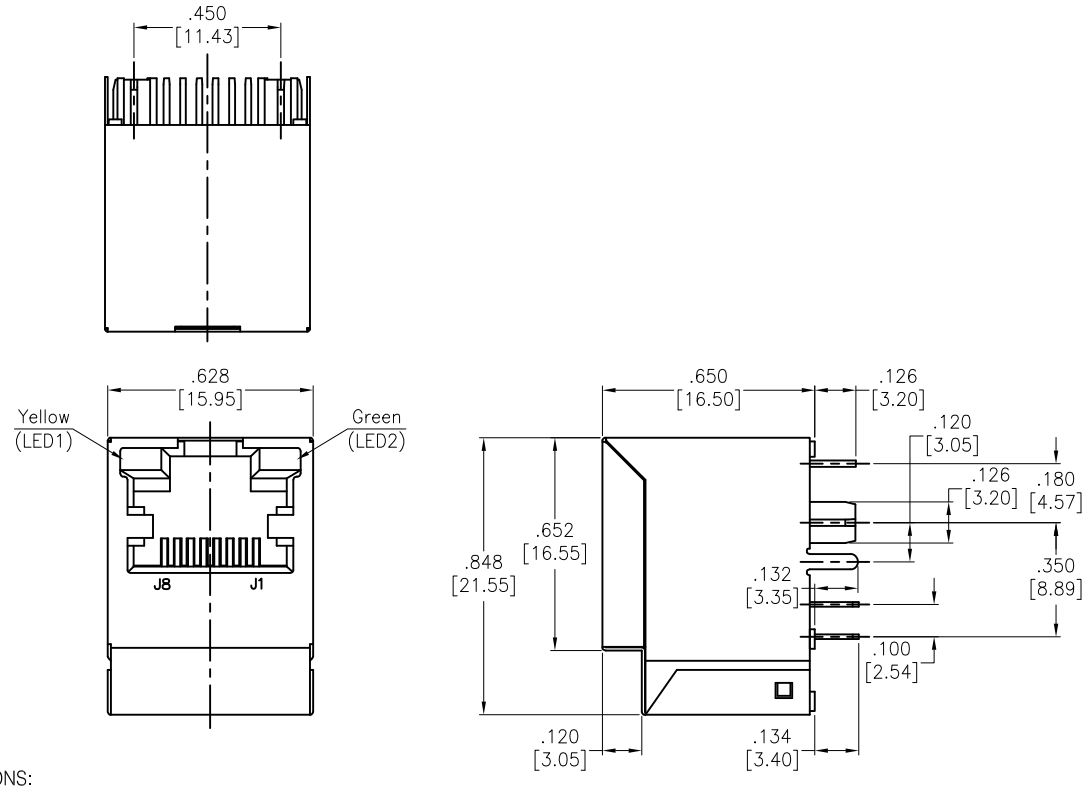
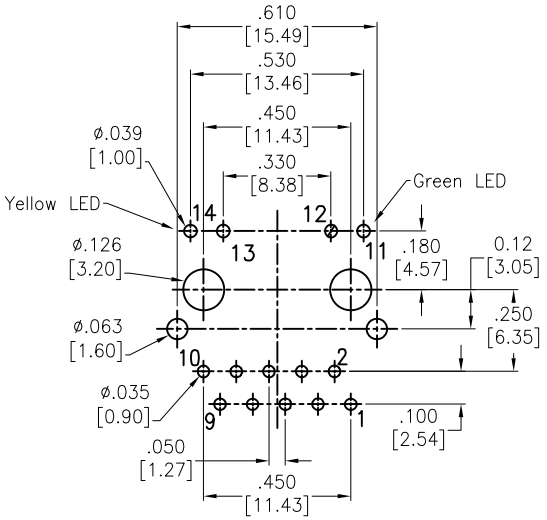
APPROVED: _____

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 △C
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. 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

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

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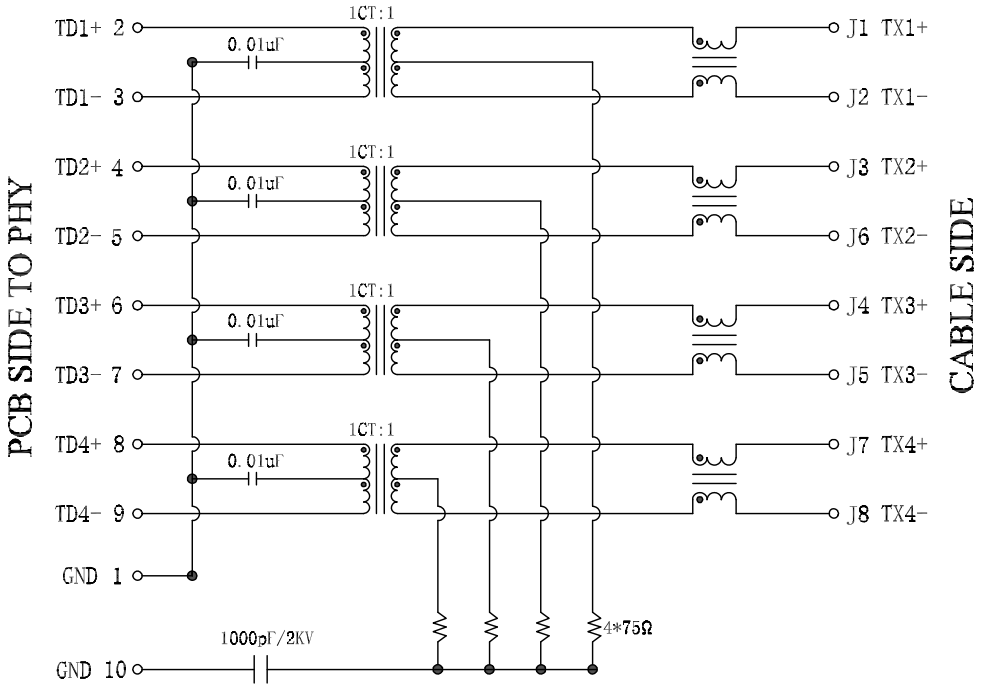
ADAM TECH
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

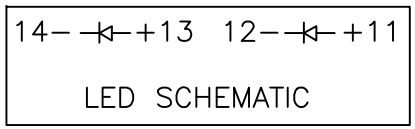
TITLE
MODULAR TELEPHONE JACK, 8P8C, TOP ENTRY
FULL SHIELD, W/ LED1 YELLOW, LED2 GREEN

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

REF: S00065T | SCALE: NTS | SHEET 1 OF 3

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





Electrical:

1.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%).

2.OCL:350uH Min.at 100KHz 100mV 8mA DC.

3.Insertion Loss: -1.0 dB Max 1~100MHz.

4.Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.

5.Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;

6.CMR: -30dB Min 1~100MHz;

7.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		

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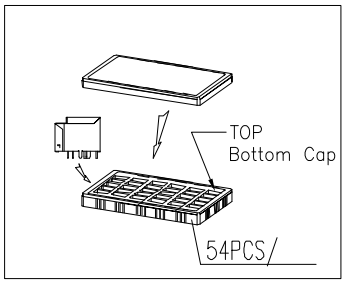
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TITLE
MODULAR TELEPHONE JACK, 8P8C, TOP ENTRY
FULL SHIELD, W/ LED1 YELLOW, LED2 GREEN

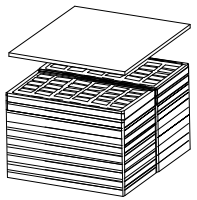
SIZE	PART NO.	REV.
X	MTJ-88KX1-FSD-LG-M269S	C

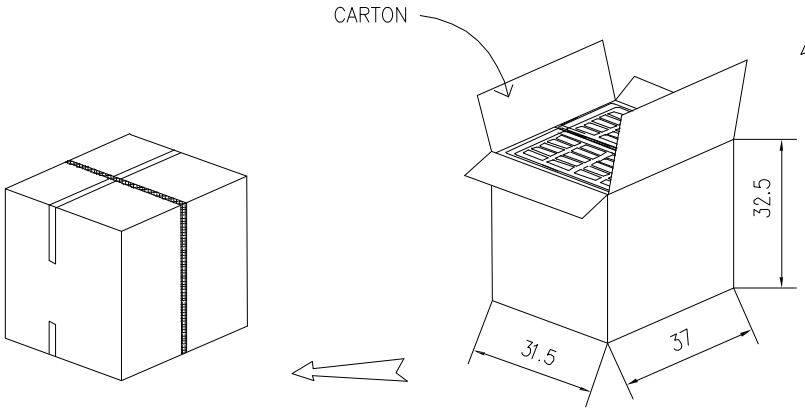
REF:	SCALE:	SHEET
S00065T	NTS	2 OF 3

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



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





UNIT: MM

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INCHES		HOLES	
.X	± .10	Ø.X	±.10
.XX	± .020	Ø.XX	±.015
.XXX	± .015	Ø.XXX	±.010

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

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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:	SCALE:	SHEET
S00065T	NTS	3 OF 3