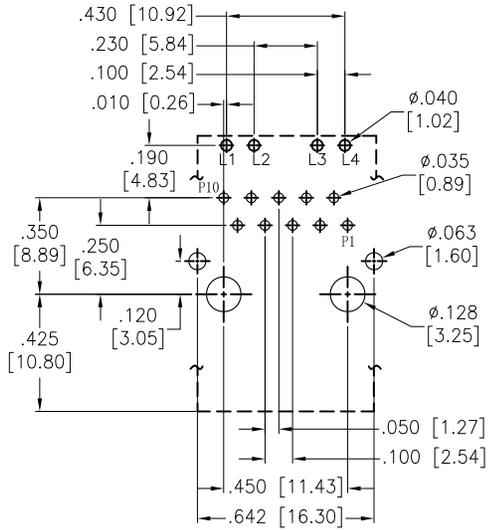
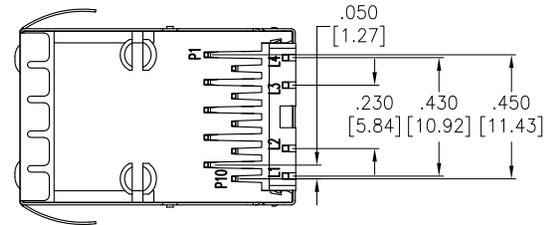
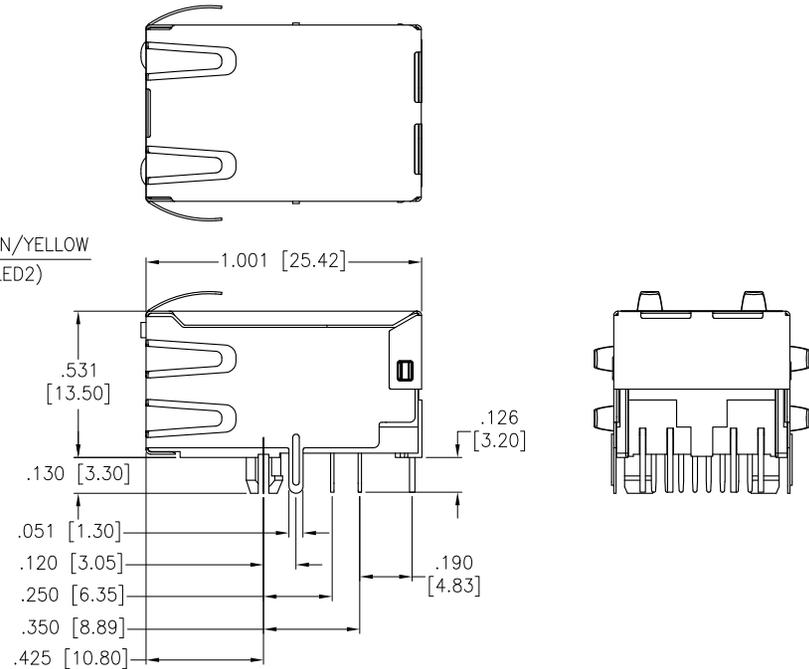
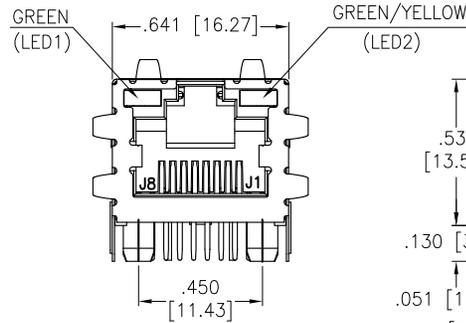


APPROVED: _____
 DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----|-------|-----------------------|----------|-------|
| - | | RELEASED | 6/23/14 | |
| A | | UPDATED DRAWING | 11/23/15 | HR/SL |
| B | | UPDATED CONTACTS DIM. | 4/26/19 | AY/SL |



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
 Insulator: Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shield: Stainless Steel, Pre-soldering
 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: 1500VAC or 2250VDC for 1 minute
 Temperature Rating:
 Operating temperature: -0°C to +70°C
 Environmental:
 Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

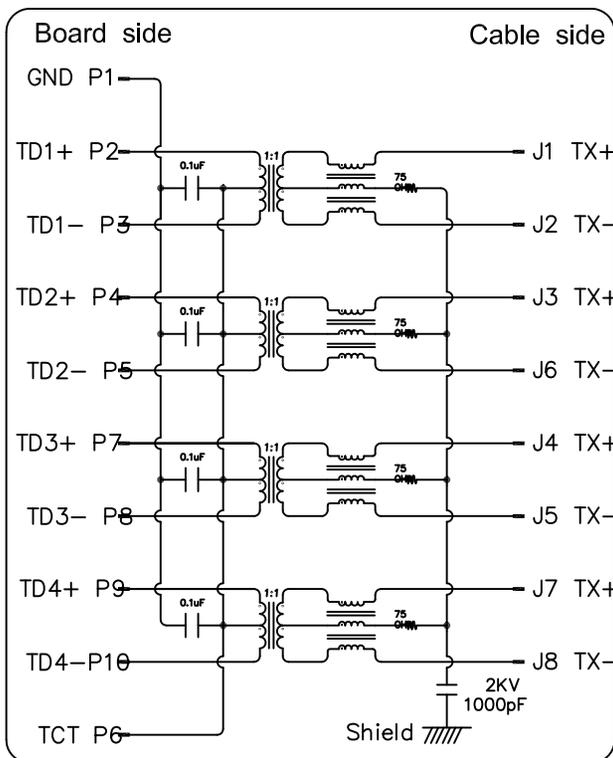
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|---|--------------|--------------------------------------|------------------------------|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED | | | |
| INCHES HOLES | | | |
| .X ± .10 | Ø.X ± .10 | TITLE | |
| .XX ± .020 | Ø.XX ± .015 | MODULAR TELEPHONE JACK, 1 PORT, 8P8C | |
| .XXX ± .015 | Ø.XXX ± .010 | W/ LED1 GREEN, LED2 GREEN / YELLOW | |
| APPROVALS | | DATE | SIZE |
| DRAWN | HR | 6/23/14 | PART NO. |
| CHECKED | SL | 6/23/14 | MTJ-88SX1-FSD-PG-LV-M66D-T/R |
| APPROVED | | | REV. B |
| REF: S00101C | | SCALE: NTS | SHEET 1 OF 3 |

APPROVED: _____

DATE: _____ TITLE: _____

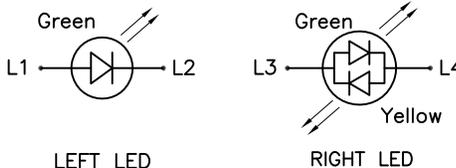
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|-----|-------|-------------|------|------|
| Rev | AWO # | Description | Date | Appr |
|-----|-------|-------------|------|------|

SEE SHT 1 OF 3 FOR REVISION



ELECTRICAL CHARACTERISTICS :

1. INSERTION LOSS :
 - 1~100 MHz -1.0dB MAX.
2. RETURN LOSS(LOAD 100Ω) :
 - 1~30 MHz -18dB MIN
 - 30~60 MHz -16dB MIN
 - 60~80 MHz -12dB MIN
 - 80~100 MHz -10dB MIN
3. COMMON MODE REJECTION
 - 1~100 MHz -30dB MIN
4. CROSS TALK
 - 1~100 MHz -30dB MIN
5. INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P2-P3),(P4-P5),(P7-P8),(P9-P10) : 350 uH MIN
6. DCR
 - (J1-J2),(J3-J6),(J4-J5),(J7-J8) : 1.2 OMH MAX
6. HI-POT TEST
 - BOARD SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
7. TURNS RATION 100KHz
 - (P2-P3) : (J1-J2) = 1:1 ±%5
 - (P4-P5) : (J3-J6) = 1:1 ±%5
 - (P7-P8) : (J4-J5) = 1:1 ±%5
 - (P9-P10) : (J7-J8) = 1:1 ±%5



| | | | |
|---|--------|---------|--------|
| 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 | HR | 6/23/14 | |
| CHECKED | SL | 6/23/14 | |
| APPROVED | | | |



TITLE
MODULAR TELEPHONE JACK, 1 PORT, 8P8C
W/ LED1 GREEN, LED2 GREEN / YELLOW

| | | |
|--------------|------------------------------|--------------|
| SIZE | PART NO. | REV. |
| X | MTJ-88SX1-FSD-PG-LV-M66D-T/R | B |
| REF: S00101C | SCALE: NTS | SHEET 2 OF 3 |

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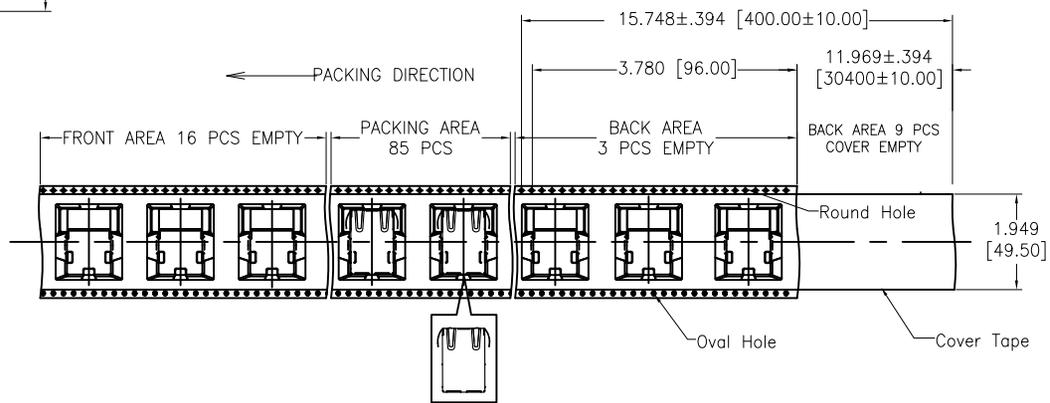
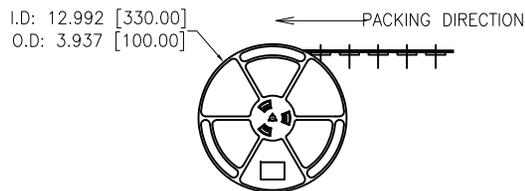
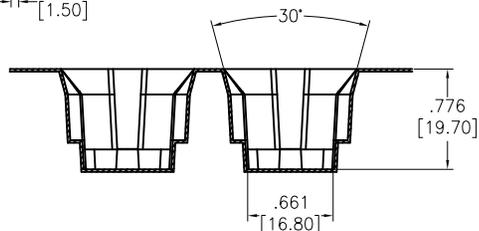
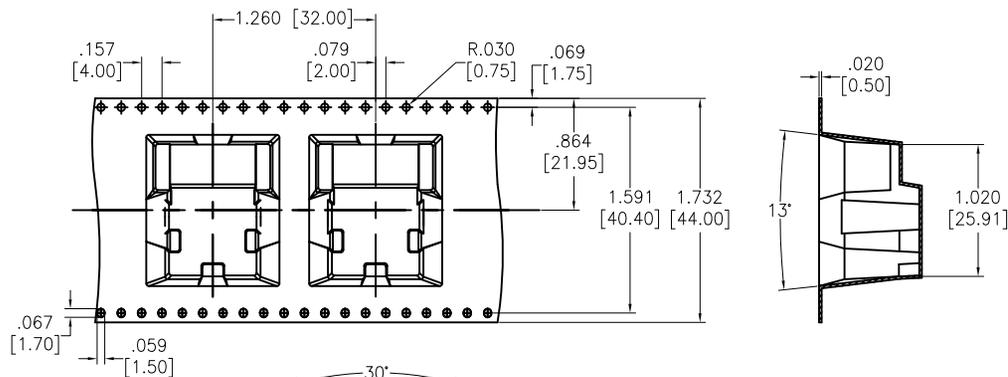
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| Rev | AWO # | Description | Date | Appr |
|-----|-------|-------------|------|------|
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SEE SHT 1 OF 3 FOR REVISION



Notes:

- 1.Packing conforms EIA-481-B standards.
- 2.10 sprocket hole pitch cumulative.
- 3.Carrier camber is within 1mm in 250mm.
- 4.Material:Black polystyrene.
- 5.Packing length per 13" reel: 3.328meters.
- 6.Component load per 13" reel: 85pcs.

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 |

| APPROVALS | | DATE |
|-----------|----|---------|
| DRAWN | HR | 6/23/14 |
| CHECKED | SL | 6/23/14 |
| APPROVED | | |

TITLE
**MODULAR TELEPHONE JACK, 1 PORT, 8P8C
 W/ LED1 GREEN, LED2 GREEN / YELLOW**

| | | |
|------------------|---|------------------|
| SIZE X | PART NO. MTJ-88SX1-FSD-PG-LV-M66D-T/R | REV. B |
| REF: S00101C | SCALE: NTS | SHEET 3 OF 3 |

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