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RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

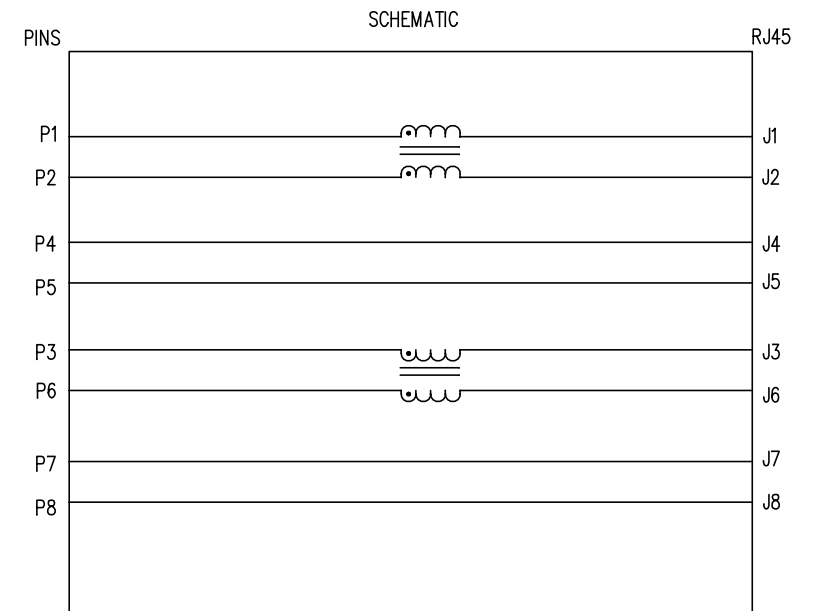
OPERATING TEMPERATURE RANGE: : -40°C TO +85°C

1.0 INDUCTANCE:(P6-J6) : (P1-J1) : 65 uH TYP @.01V, 10KHz

2.0 DC RESISTANCE: P6-J6 : .5 OHM MAX
P3-J3 : .5 OHM MAX
P2-J2 : .5 OHM MAX
P1-J1 : .5 OHM MAX

3.0 COMMON MODE: : CMA (-dB)

| FREQUENCY (MHz) | TYPICAL | MIN |
|-----------------|---------|-----|
| 1 | 8 | 5 |
| 5 | 17 | 15 |
| 20 | 23 | 15 |
| 70 | 25 | 20 |
| 200 | 22 | 17 |
| 500 | 11 | 6 |



NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

| | | | | | | | |
|----------------------------------|-------------------------|--|---|-------------------------------|-------------------------------------|---|---|
| ORIGINATED BY Bain Liu | DATE 09-01-09 | TITLE MagJack® CMC TAB DOWN,SHIELDED | PART NO. / DRAWING NO. SI-60158-F | STANDARD DIM. TOL. IN INCH | [] METRIC DIM. AS REFERENCE | | bel COMPONENTS FOR A CONNECTED PLANET |
| DRAWN BY Bain Liu | DATE 09-01-09 | | FILE NAME SI-60158-F.DWG | .X .XX .XXX | UNIT : INCH [mm] SCALE : N/A | REV. : A0 SIZE : A4 PAGE : 2 | |
| | | | | ±0.005 | | | |

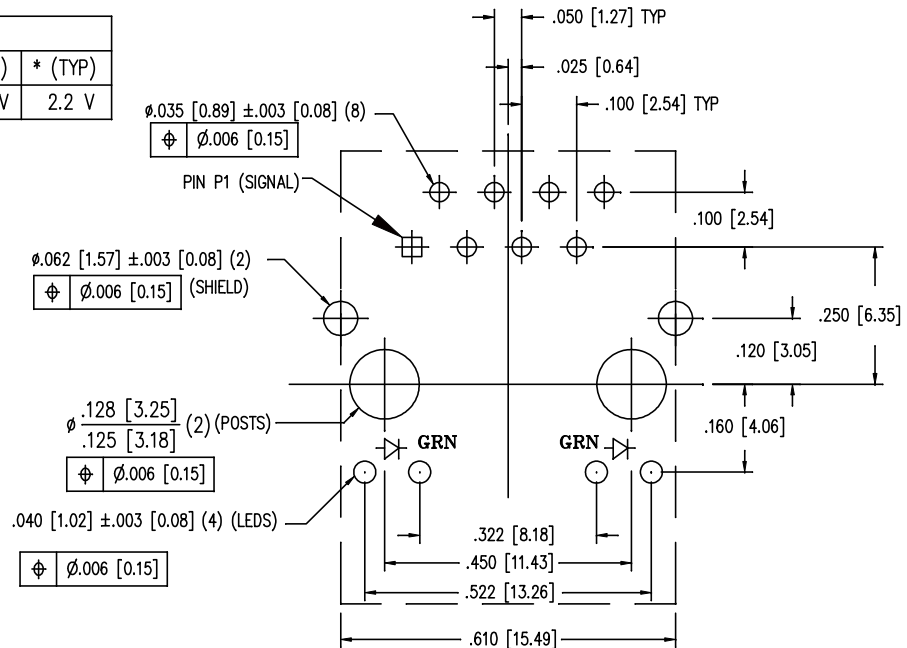
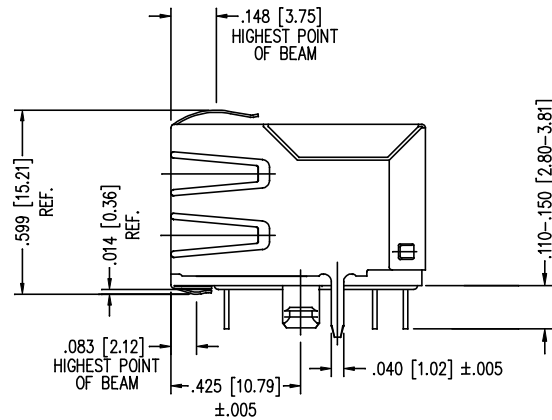
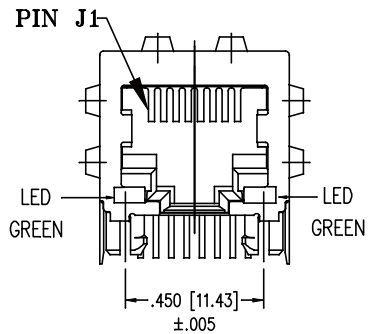
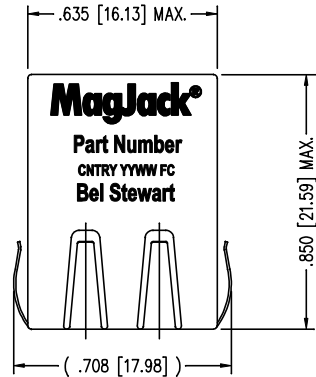
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| LED SPECIFICATION | | | |
|-------------------|------------|-----------------|---------|
| STANDARD LED | WAVELENGTH | Forward V (MAX) | * (TYP) |
| GREEN | 565 nm | 2.5 V | 2.2 V |

*WITH A FORWARD CURRENT OF 20 mA (TYP)



P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC.

NOTES:

- CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,
50 MICRO-INCHES MIN. IN CONTACT AREA.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

| | | |
|---------------|----------|--|
| ORIGINATED BY | DATE | TITLE |
| Bain Liu | 09-01-09 | MagJack® CMC TAB DOWN, SHIELDED |
| DRAWN BY | DATE | |
| Bain Liu | 09-01-09 | |

| | | |
|------------------------|---------------|------------------------------|
| PART NO. / DRAWING NO. | STANDARD DIM. | [] METRIC DIM. AS REFERENCE |
| SI-60158-F | TOL. IN INCH | UNIT : INCH [mm] |
| FILE NAME | .X | REV. : A0 |
| SI-60158-F.DWG | .XX | SCALE : N/A |
| | .XXX | ±0.005 |

| | |
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| UNIT : INCH [mm] | REV. : A0 |
| SCALE : N/A | SIZE : A4 |
| | PAGE : 3 |

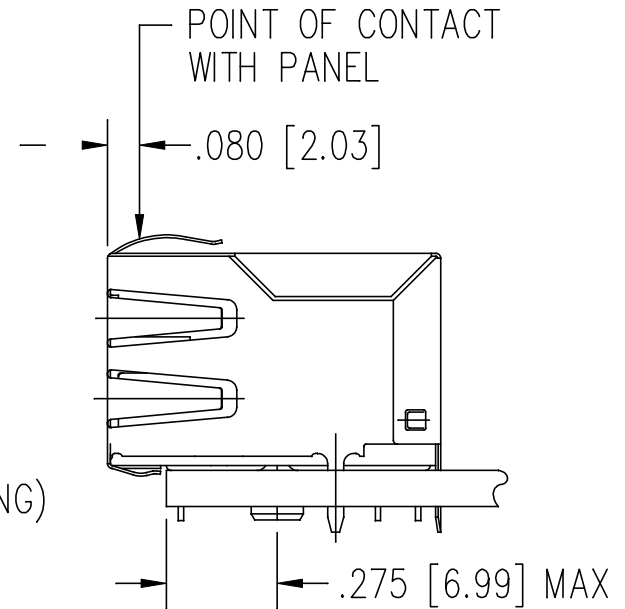
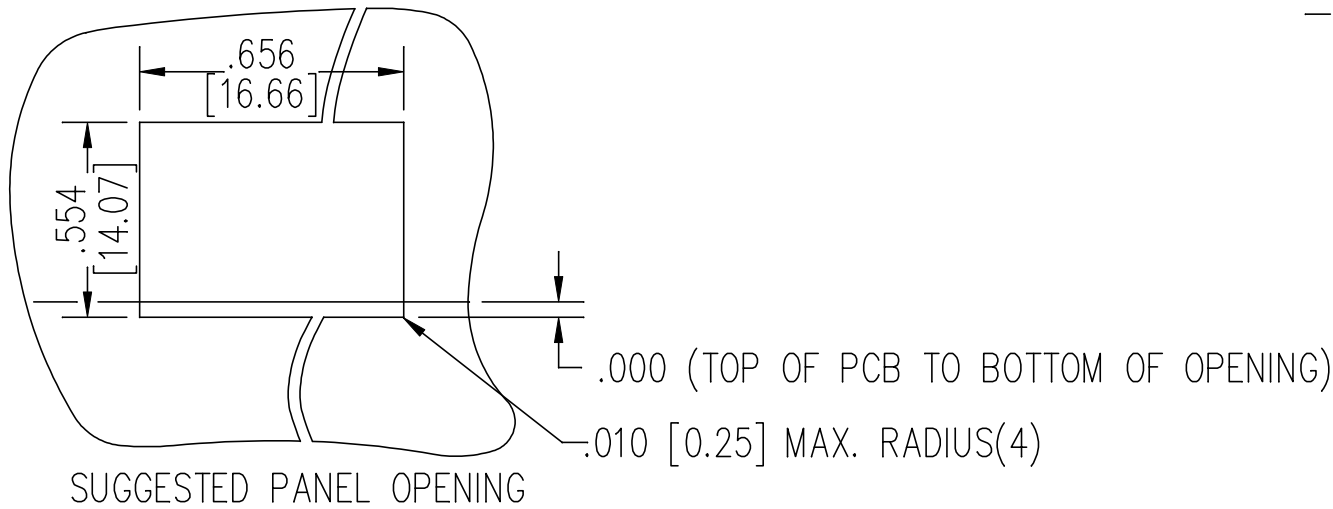
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1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]

| | | | | | | |
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| | | | .XX | SCALE : N/A | SIZE : A4 | |
| | | | .XXX | ± 0.005 | PAGE : 4 | |

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