

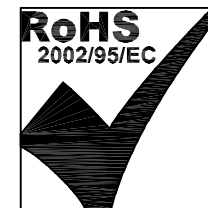
ELECTRICAL SPECIFICATIONS:

1.0 INDUCTANCE: (P1-J1) : (P3-J3) : (P4-J4) : (P7-J7) : 65 uH TYP @.05V, 10KHz

2.0 DC RESISTANCE: P8-J8 = P7-J7 : .5 OHM MAX
 P6-J6 = P3-J3 : .5 OHM MAX
 P5-J5 = P4-J4 : .5 OHM MAX
 P2-J2 = P1-J1 : .5 OHM MAX

3.0 COMMON MODE:

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



Bel Stewart Connector
 11118 Susquehanna Trail, South
 Glen Rock, Pa 17327-9199
 717.234.7512

MagJack®

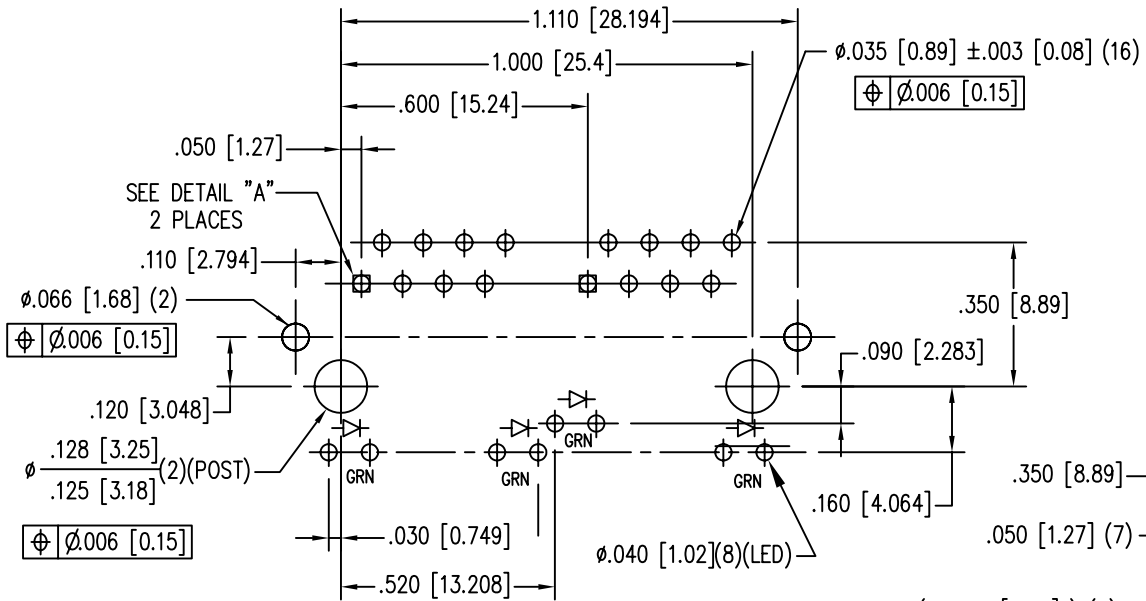
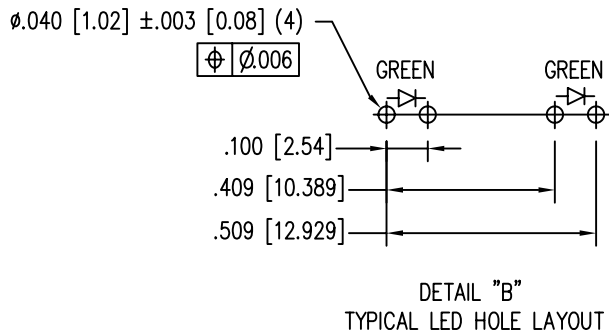
<http://www.stewartconnector.com>

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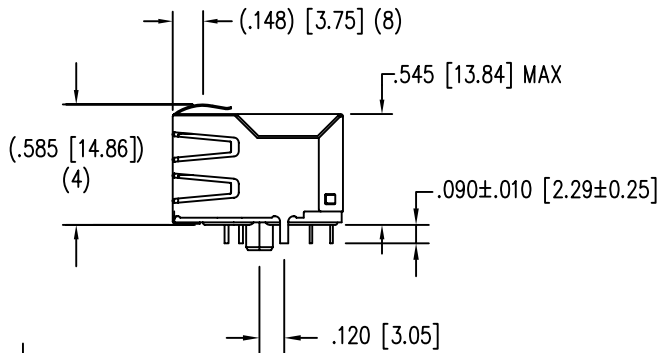
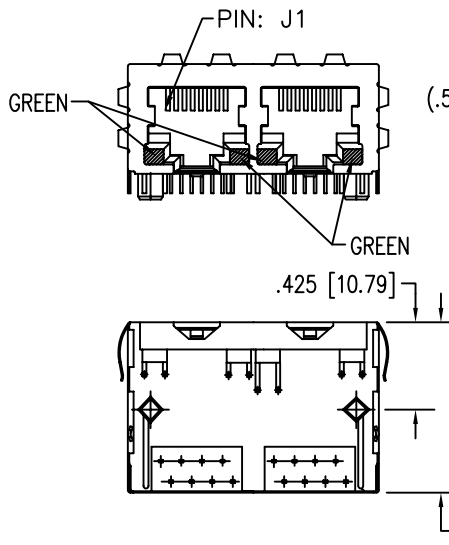
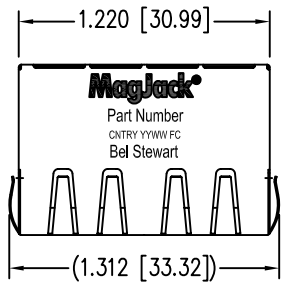
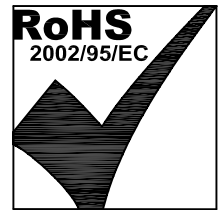
SHEET 1 OF 3

DRAWING NO. SI-60054-F

REV. 07

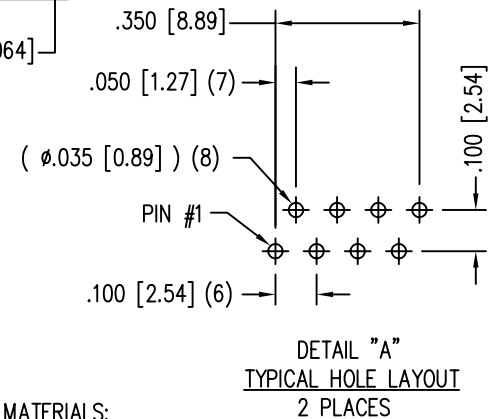


ALL CENTERLINE DIMENSIONS ARE BASIC.



| 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)



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 ±0.005 [0.13]
- REFLOW AND WAVE SOLDER COMPATIBLE -260°C/10SECS MAX.
- REMOVE REAR SOLDER TAIL FLUSH WITH SHIELD
- ALL LEDS AND SOLDER TAILS TO BE TRIMMED TO .090 [2.29]

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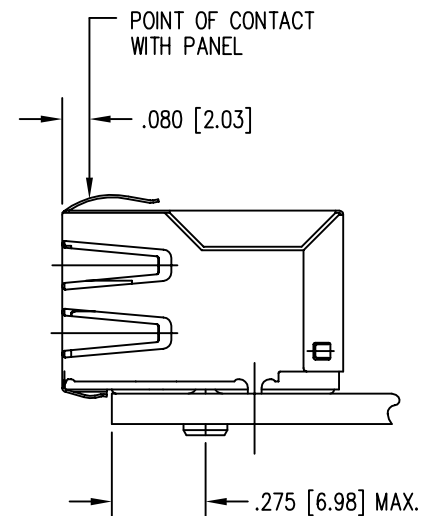
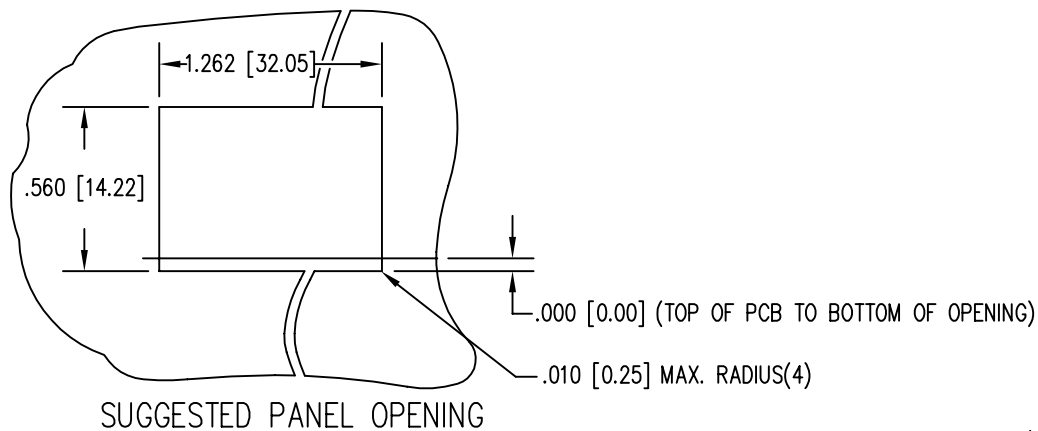
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SHEET 2 OF 3

DRAWING NO. SI-60054-F

REV. 11



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 $\pm .005$ [0.13]

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SHEET
3 OF 3

DRAWING NO.
SI-60054-F

REV.
06