

ELECTRICAL SPECIFICATIONS:

: 1CT : 1CT± 3%

1.0 TURNS RATIO: (P4-P5-P6) : (J3-J6) (P3-P2-P1) : (J1-J2) : 1CT : 1CT ± 3%

(P6-P4) (P3-P1) 2.0 INDUCTANCE: : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias

3.0 LEAKAGE INDUCTANCE: P6-P5-P4 (WITH J6 AND J3 SHORT) : 0.3 MAX. @ 1MHz P3-P2-P1 (WITH J2 AND J1 SHORT) : 0.3 MAX. @ 1MHz

4.0 INTERWINDING CAPACITANCE: (P6,P5,P4) TO (J6,J3) (P3,P2,P1) TO (J2,J1) : 30pf MAX @ 1MHz : 30pf MAX. @ 1MHZ

5.0 DC RESISTANCE: (J6-J3)=(J2-J1) : 1.2 ohms Max. NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

Bel Stewart Connector

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

SHEET

http://www.stewartconnector.com

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND PROPERTY OF BEL STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONTENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING.

DRAWING NO. 1 OF 4

-50004

RECEIVE

6.0 RETURN LOSS: (P6-P4)=100 OHMS AND (P1-P3)=100 OHM REF.

1MHz TO 30MHz : 18dB MIN. : 12dB MIN. 30MHz TO 80MHz

NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (J6-J3).

: 1500 VAC 7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P3) (J3, J6) TO (P4,P6)

8.0 INSERTION LOSS: RS=RL=100 ohms

100KHz TO 100MHz : 1.1 dB TYP

9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS

OUTPUT VOLTAGE = 1 V peak: 3.0 nS MAX PULSE WIDTH= 112nS : 3.0 nS MAX

10.0 CROSS TALK: 1-100 MHz : 30 dB TYP

11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz : 35dB TYP

Bel Stewart Connector 11118 Susquehanna Trail, South

Glen Rock, Pa 17327-9199 717.234.7512

2 OF 4

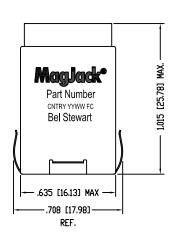
SHEET

http://www.stewartconnector.com

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND PROPERTY OF BEL STEWART ONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONTENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING.

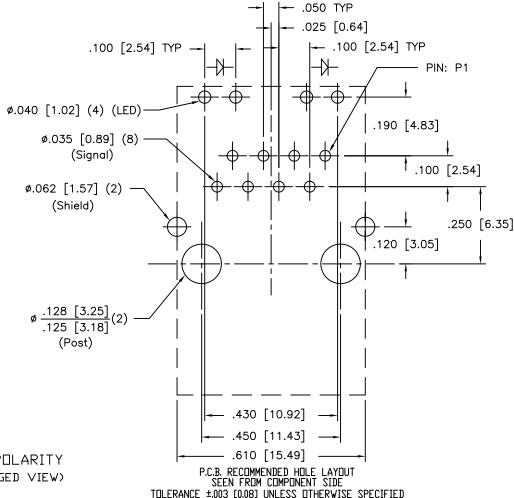
DRAWING NO.

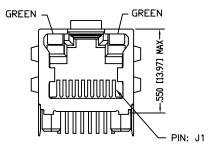
SI - 50004

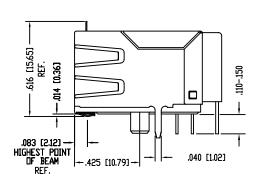


LED SPECIFICATION			
STANDARD LED	WAVELENGTH	FORWARD V (MAX)	*(TYP)
GREEN	565 nm	2.5 V	2.2 V

*WITH A FORWARD CURRENT OF 20 mA (TYP)







NOTES:

1. 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.

- 2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- 3. TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- 4. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±.005 [0.13]
- 5. WAVE SOLDER COMPATIBLE PREHEAT 125°C/90SECS. HIGH TEMPERATURE REFLOW COMPATIBLE - 230°C/90 SEC MAX.

LED POLARITY (ENLARGED VIEW)



SINGLE COLOR LED

Bel Stewart Connector

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

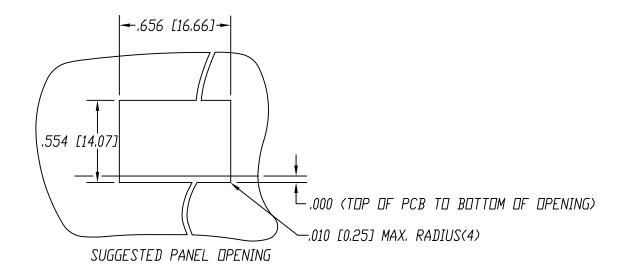
SHEET

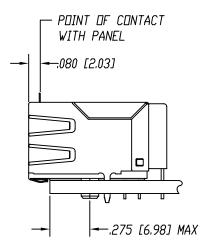
http://www.stewartconnector.com

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND PROPERTY OF BEL STEWART ONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONTENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING.

DRAWING NO. 3 OF 4

-50004





- 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 ±.005 [0.13]

Bel Stewart Connector

11118 Susquehanna Trail, South Glen Rock, Pa 17327-9199 717.234.7512 Maglack

http://www.stewartconnector.com

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND PROPERTY OF BEL STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONTENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING.

SHEET DRAWING NO. 4 OF 4

SI-50004

REV. 0 7