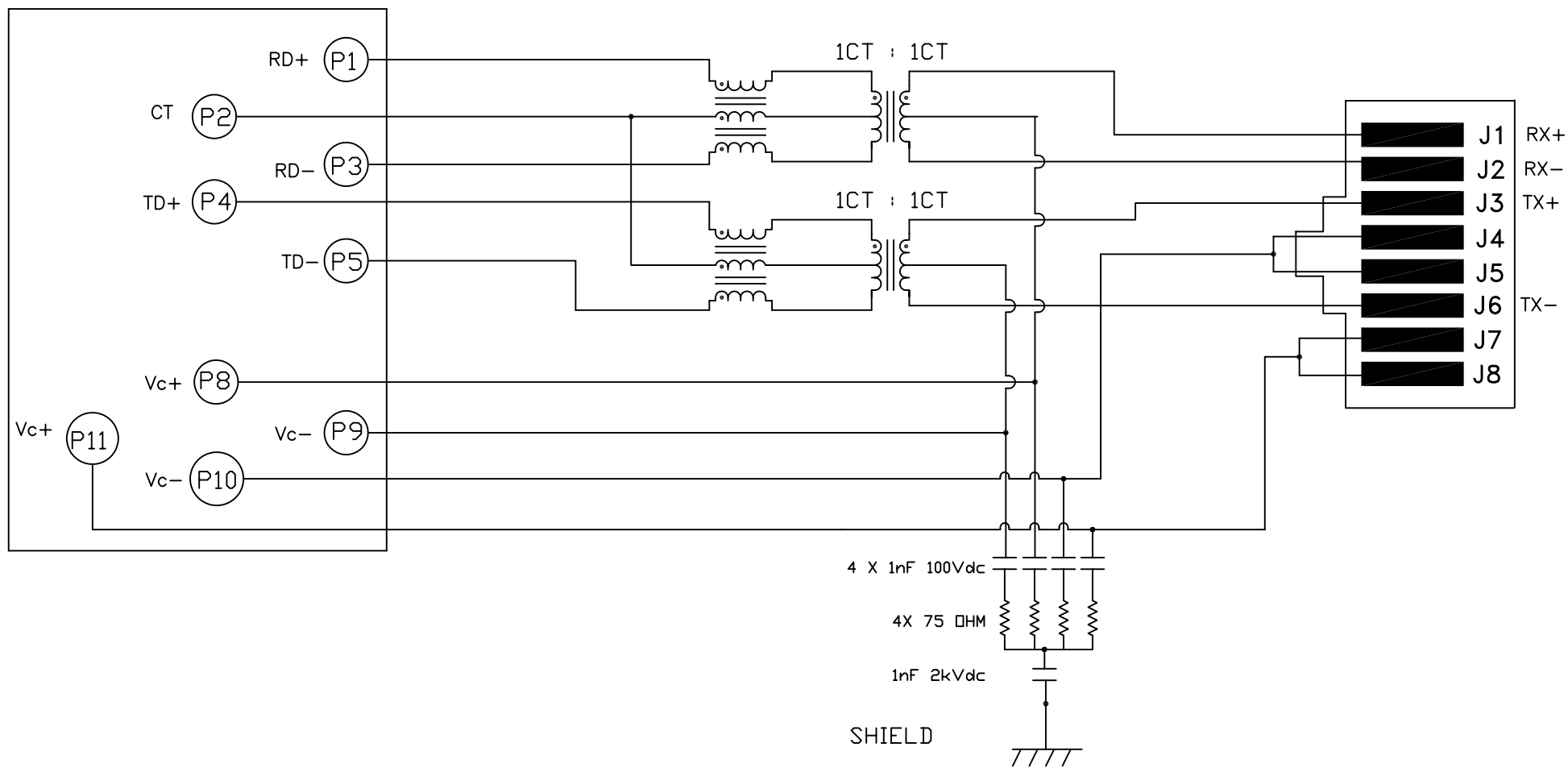




ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO: (P1-P3) : (J1-J2) : 1CT : 1CT $\pm$ 2%
(P4-P5) : (J3-J6) : 1CT : 1CT $\pm$ 2%



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SHEET 1 OF 4

DRAWING NO.

SI-52003-F

REV.

X

ELECTRICAL SPECIFICATIONS:

2.0 DC RESISTANCE:	(P1-P3); (P4-P5) (J1-J2); (J3-J6)	: 1.4 OHMS : 1.2 OHMS
3.0 INDUCTANCE:	(P1-P3) (P4-P5)	: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
4.0 RETURN LOSS:	(P1-P3)=100 OHMS REF. AND (P4-P5)=100 OHM REF. 1MHz TO 30MHz 60MHz TO 80MHz	: 16dB MIN. : 10dB MIN.
5.0 INSERTION LOSS:	RS & RL =100 ohms 1MHz TO 100MHz	: 1.5 dB MAX
6.0 CROSS TALK:	1MHz - 100 MHz	: 30 dB MIN.
7.0 DIELECTRIC WITHSTAND:	(P1-P3) TO (J1-J2) (P4-P5) TO (J3-J6)	: 2000 DC : 2000 DC

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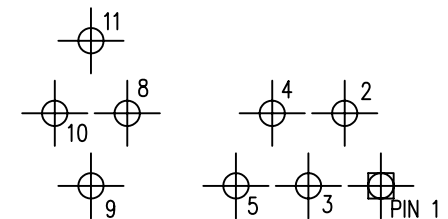
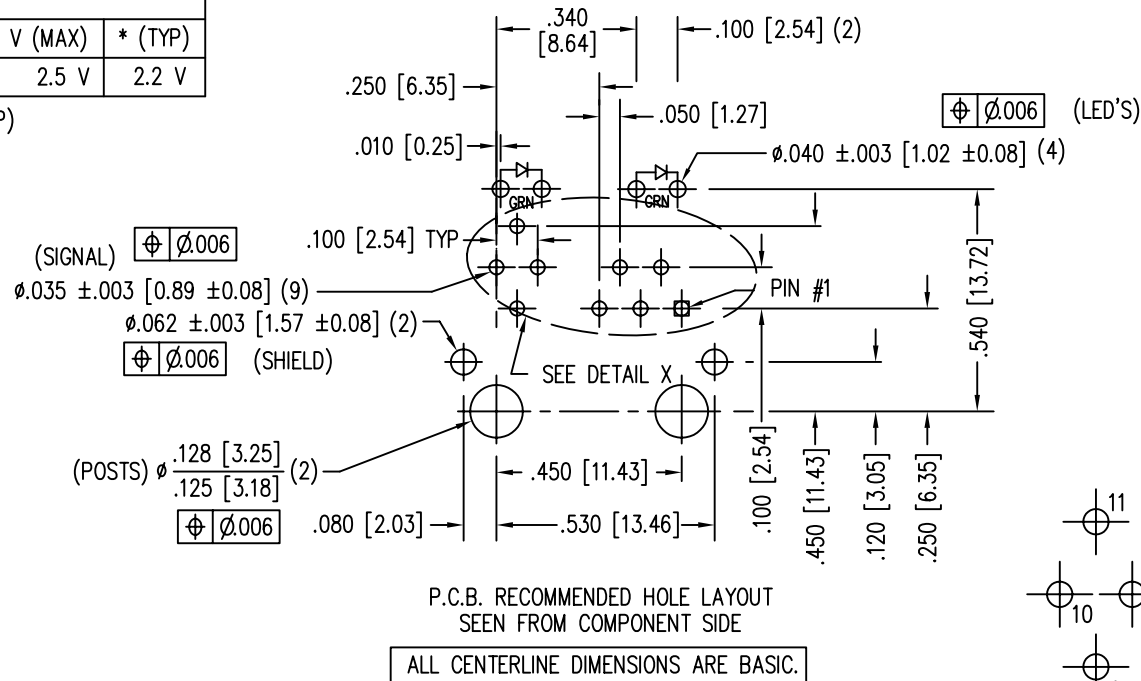
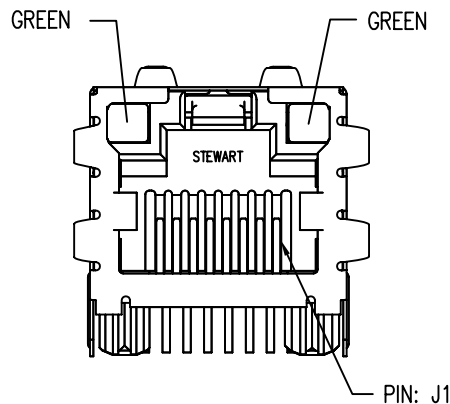
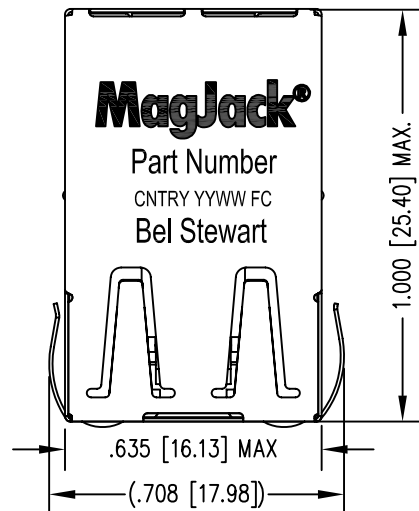
SHEET
2 OF 4

DRAWING NO.
SI-52003-F

REV.
X2

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)



DETAIL X

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 ± 0.005 [0.13]
5. REFLOW AND WAVE SOLDER COMPATIBLE -260°C FOR 10 SECONDS MAX.

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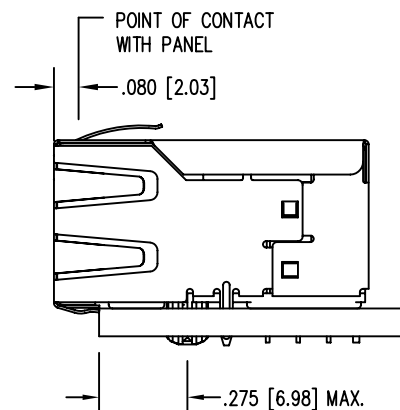
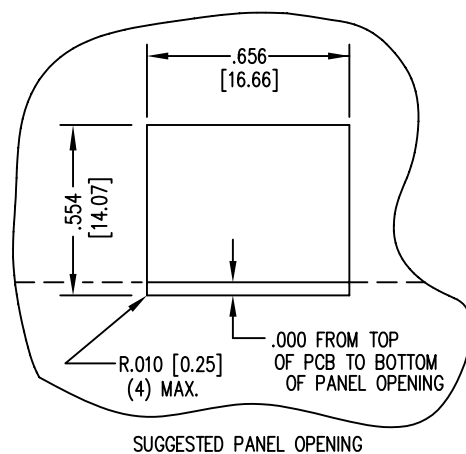
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REV. 01



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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