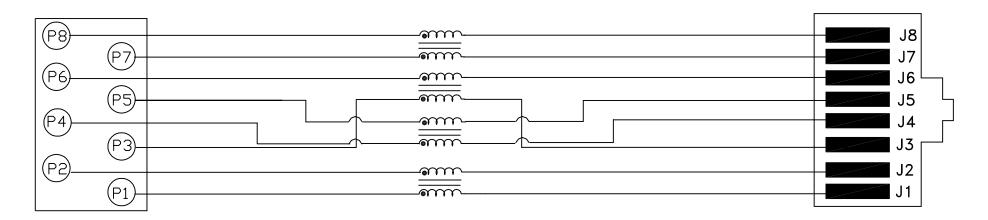
PORTS 1 AND 2



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:

CMA (-dB)

FREQUENCY	(MHz) T	YPICAL	MIN
1		8	5
5		17	15
20		23	15
70		25	20
200		22	17
500		11	6
5 20 70 200		17 23 25 22	15 15 2 17

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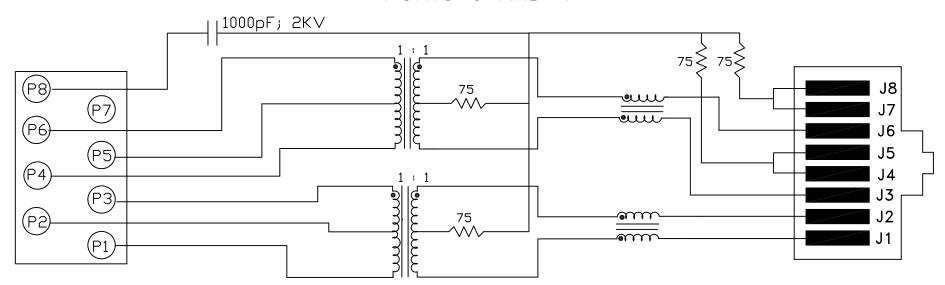
SHEET 1 OF 5

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DRAWING NO.

SI-60039 RE

PORTS 3 AND 4



ELECTRICAL SPECIFICATIONS:

: 1CT : 1CT± 3%

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

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

(P6-P4) (P3-P1) 2.0 INDUCTANCE:

: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias : 350uH MIN. @ 0.1V. 100KHz, 8mA DC Bigs

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

: 30pf MAX @ 1MHz

4.0 INTERWINDING CAPACITANCE: (P6,P5,P4) TO (J6,J3) (P3,P2,P1) TO (J2,J1)

: 30pf MAX. @ 1MHZ

5.0 DC RESISTANCE: (J6-J3)=(J2-J1)

: 1.2 ohms Max.

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PORTS 3 AND 4

RECEIVE

6.0 RETURN LOSS: 1MHz TO 30MHz : 18dB MIN. 60MHz TO 80MHz : 12dB MIN.

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

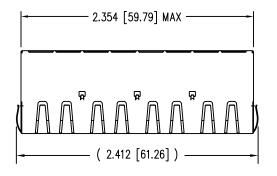
10.0 CROSS TALK: 1MHz TO 100MHz : 40 dB TYP

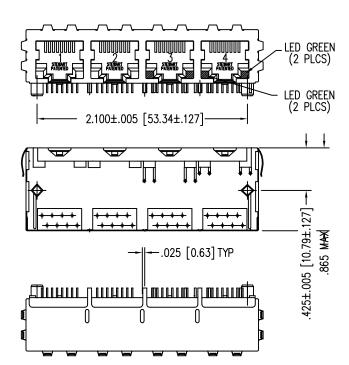
11.0 COMMON TO COMMON MODE ATTENUATION: 30MHz TO 100MHz : 35dB TYP

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(.585 [14.86] (8) TYP.)	The state of the s
1	BOTTOM SURFACE OF JACK— (PCB SURFACE)

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 $\pm .005$ [0.13]
- 5. WAVE SOLDER COMPATIBLE PREHEAT 125°C/90SECS. HIGH TEMPERATURE REFLOW COMPATABLE - 230°C/90 SEC MAX.
- 6. ALL LEDS AND SOLDER TAIL TO BE TRIMMED TO .090 [2.29]

 LED SPECIFICATION

 STANDARD LED
 WAVELENGTH
 * Forward V (MAX)
 (TYP)

 GREEN
 565 nm
 2.5 V
 2.1 V

*WITH A FORWARD CURRENT OF 20 mA

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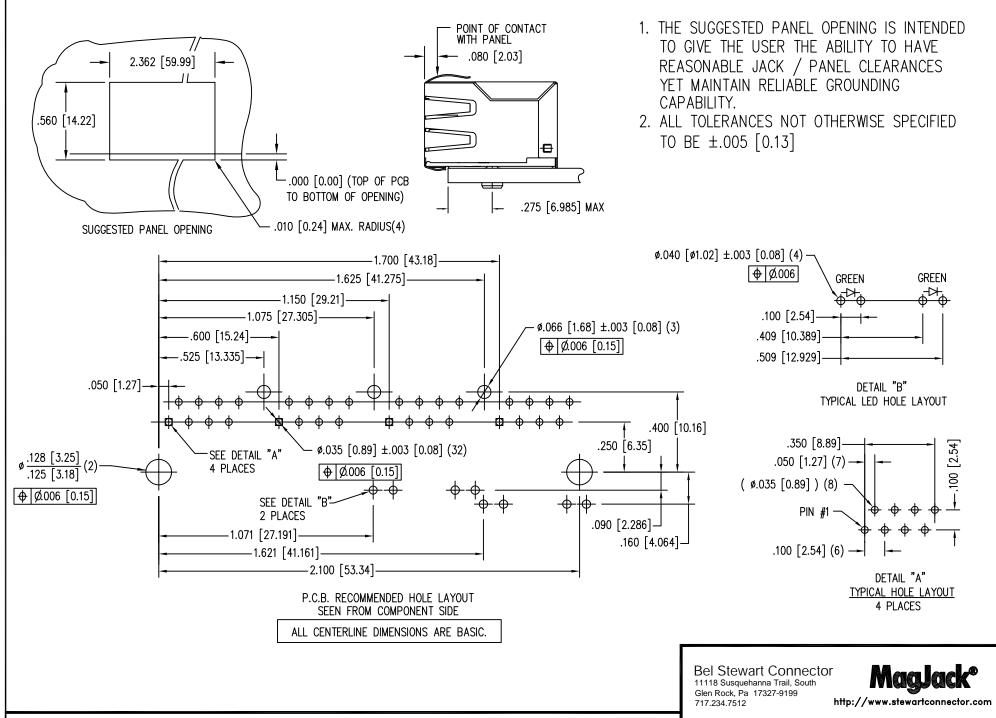
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STEWART SHEET 4 OF 5

DRAWING NO.

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SHEET DRAWING NO. 5 OF 5

SI-60039 REV.