

ELECTRICAL SPECIFICATIONS:

- OPERATING TEMPERATURE RANGE: : -40°C TO +85°C
- 1.0 TURNS RATIO: (P6-P8-P3) : (J6-J3) : 1CT : 1 ±3%
(P2-P7-P1) : (J2-J1) : 1CT : 2 ±3%
- 2.0 INDUCTANCE: (P6-P3)=(J6-J3) : 170uH MIN. @ 0.01V, 10KHz, ROOM TEMPERATURE
(P2-P1) : 26uH MIN. @ 0.01V, 10KHz, ROOM TEMPERATURE
(P6-P3)=(J6-J3) : 98uH MIN. @ 0.01V, 10KHz , -40°C TO +85°C
(P2-P1) : 18uH MIN. @ 0.01V, 10KHz , -40°C TO +85°C
- 3.0 LEAKAGE INDUCTANCE: P6-P3 (WITH J6 AND J3 SHORT) : 0.3uH MAX. @ 1MHz
P2-P1 (WITH J2 AND J1 SHORT) : 0.08uH MAX. @ 1MHz
- 4.0 INTERWINDING CAPACITANCE: (P6,P3) TO (J6,J3) : 8pf MAX @ 1MHz
(P2,P1) TO (J2,J1) : 6pf MAX. @ 1MHz
- 5.0 DC RESISTANCE: (J6-J3)=(J2-J1) : 0.7 ohms Max.
(P6-P8)=(P8-P3) : 0.3 ohms Max.
(P2-P7)=(P7-P1) : 0.3 ohms Max.
- 6.0 DIELECTRIC WITHSTAND: (P6,P3) TO (J6,J3) : 1500VAC
(P2,P1) TO (J2,J1) : 1500VAC

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

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

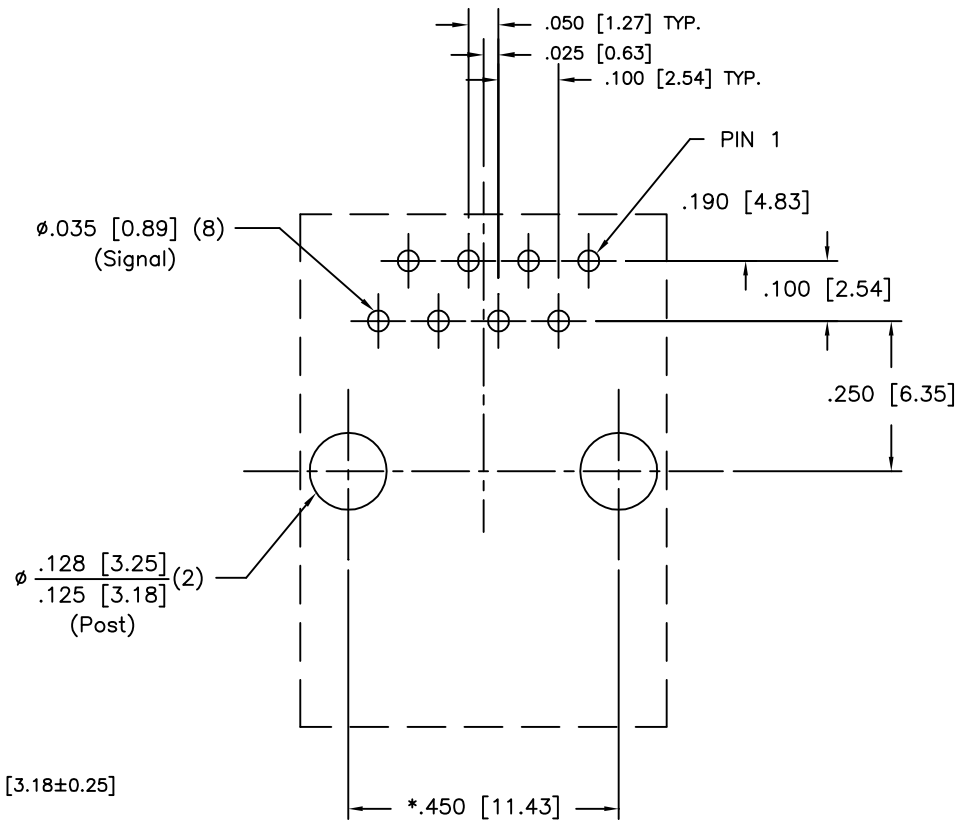
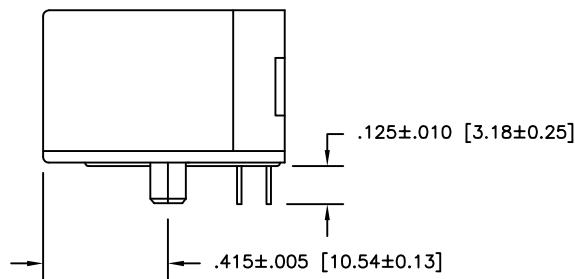
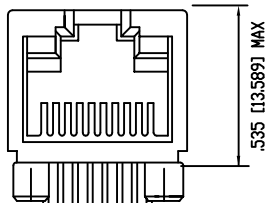
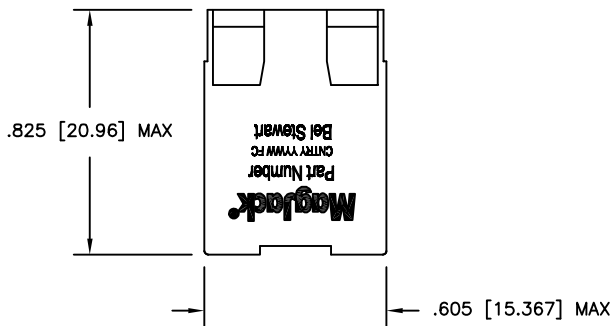
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<http://www.stewartconnector.com>

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SHEET
1 OF 2

DRAWING NO. SI-50085 REV. 01



P.C.B. RECOMMENDED HOLE LAYOUT
 SEEN FROM COMPONENT SIDE
 TOLERANCE ±.003 [0.08] UNLESS OTHERWISE SPECIFIED

NOTES:

- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS
- DIMENSIONS SHOWN WITH '*' TO BE CENTRAL ABOUT CENTER LINE
- DIMENSIONS SHOWN ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED. SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- STANDARD 50 MICRO-INCH SELECTIVE GOLD PLATING

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SHEET 2 OF 2	DRAWING NO. SI-50085	REV. 01
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