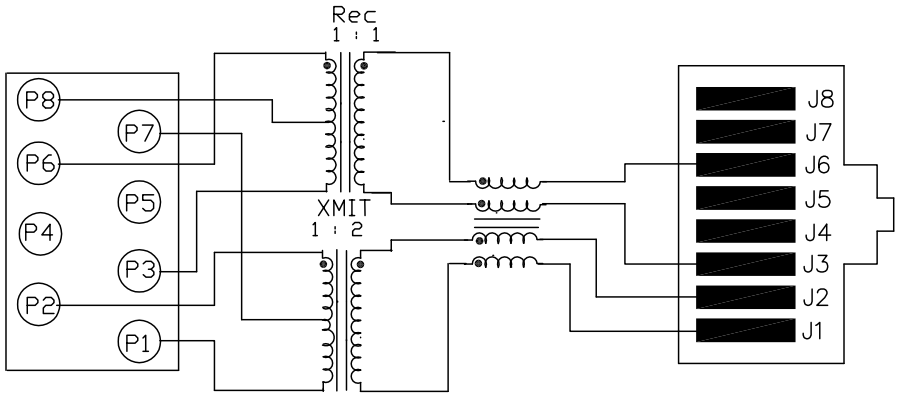

ELECTRICAL SPECIFICATIONS:

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)	: 98uH MIN. @ 0.01V , 10KHz
	(P2-P1)	: 18uH MIN. @ 0.01V, 10KHz
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.

2.0 Ref. MG06

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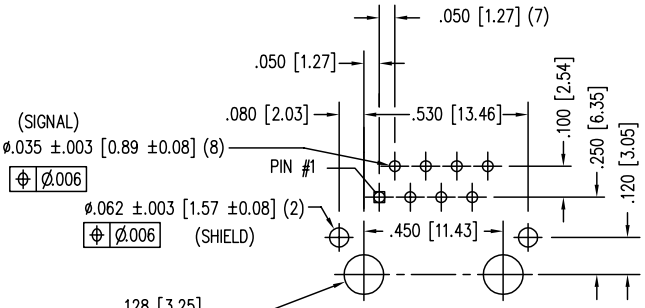
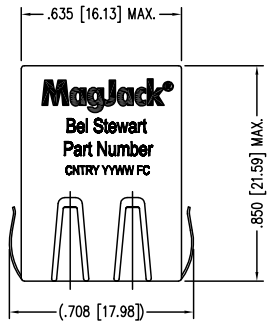
Glen Rock, Pa 17327-9199
717.234.7512

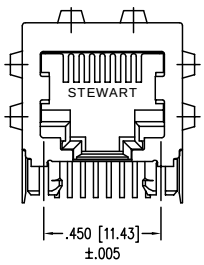
MagJack®
http://www.stewartconnector.com

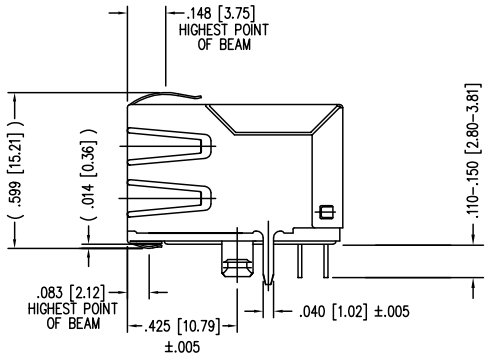


P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC.







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.

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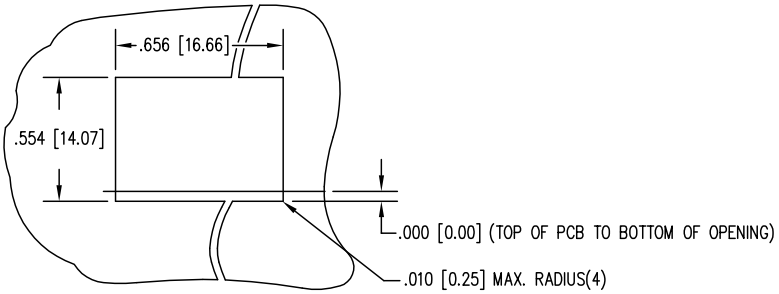
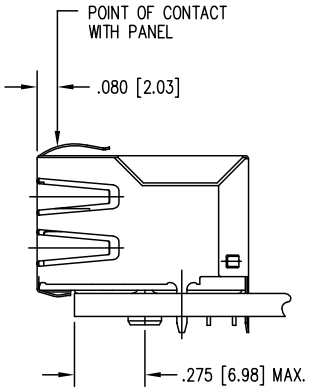


SUGGESTED PANEL OPENING



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]

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SHEET	DRAWING NO.	REV.
3 OF 3	SI-10141	09