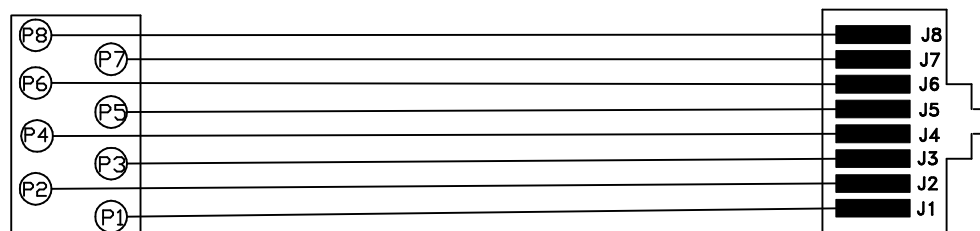
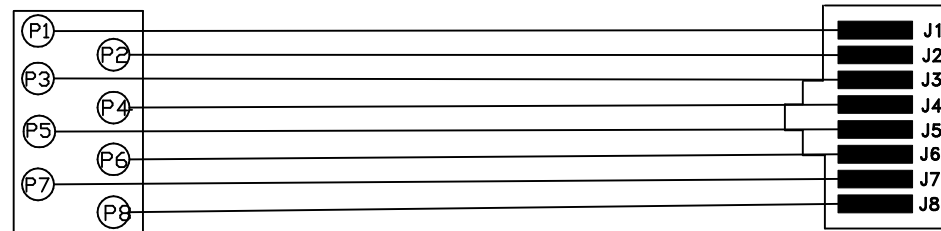


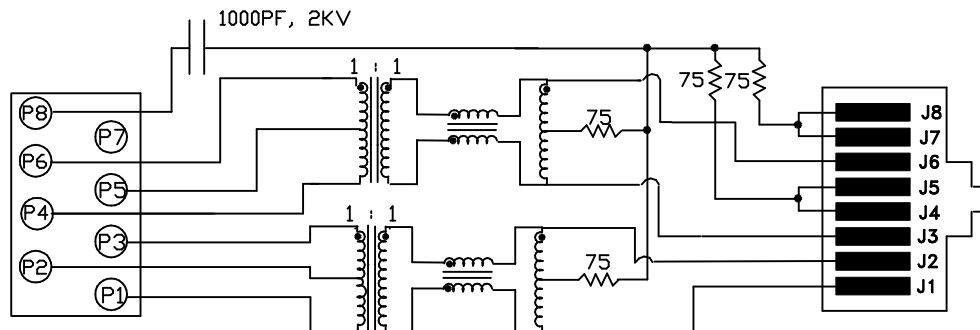
LOWER ROW (PORT 4)



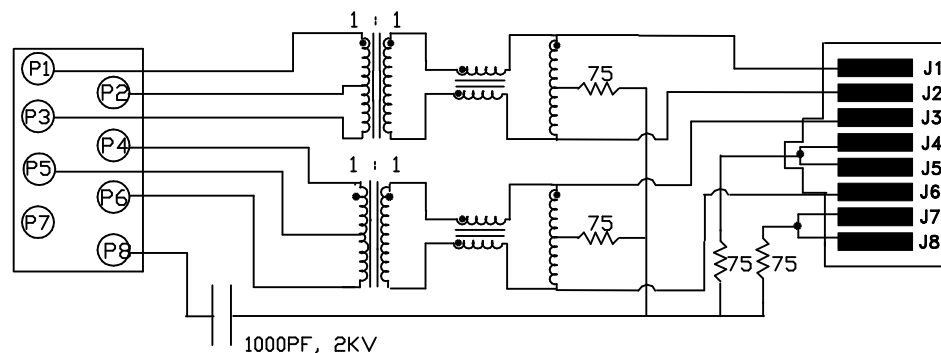
UPPER ROW (PORT 3)



LOWER ROW (PORT 2)



UPPER ROW (PORT 1)



NOTES:

1.0 MAGNETIC IN PORTS 1 AND 2 ONLY. PORTS 1 AND 2 SHALL BE TESTED 100% FOR HIPOT PER ITEM 7.

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ELECTRICAL SPECIFICATIONS:

1.0	TURNS RATIO: (P1-P2-P3) : (J1-J2)	: 1CT : $1 \pm 3\%$
	(P4-P5-P6) : (J3-J6)	: 1CT : $1 \pm 3\%$
2.0	INDUCTANCE: (P6-P4)	: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
	(P3-P1)	: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
3.0	LEAKAGE INDUCTANCE: P6-P4 (WITH J6 AND J3 SHORT)	: 0.3uH MAX. @ 1MHz
	P3-P1 (WITH J2 AND J1 SHORT)	: 0.3uH MAX. @ 1MHz
4.0	INTERWINDING CAPACITANCE: (P6,P5,P4) TO (J6,J3)	: 30pf TYP @ 1MHz
	(P3,P2,P1) TO (J2,J1)	: 30pf TYP @ 1MHZ
5.0	DC RESISTANCE: (J6-J3)=(J1-J2)	: 1.2 ohms Max.
	(P6-P4)	: .7 ohms Max.
	(P3-P1)	: .7 ohms Max.

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RECEIVE

6.0 RETURN LOSS: 1MHz TO 30MHz 60MHz TO 80MHz	: 18dB MIN. : 12dB MIN.
7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P2) (J3, J6) TO (P3, P6)	: 1500 VAC : 1500 VAC
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 PULSE WIDTH= 112nS	: 3.0 nS TYP : 3.0 nS TYP
10.0 CROSS TALK: 1MHz TO 100MHz (J1/J2 & J3/J6) FOR PORTS 1 & 2	: 35 dB TYP
11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz	: 35dB TYP

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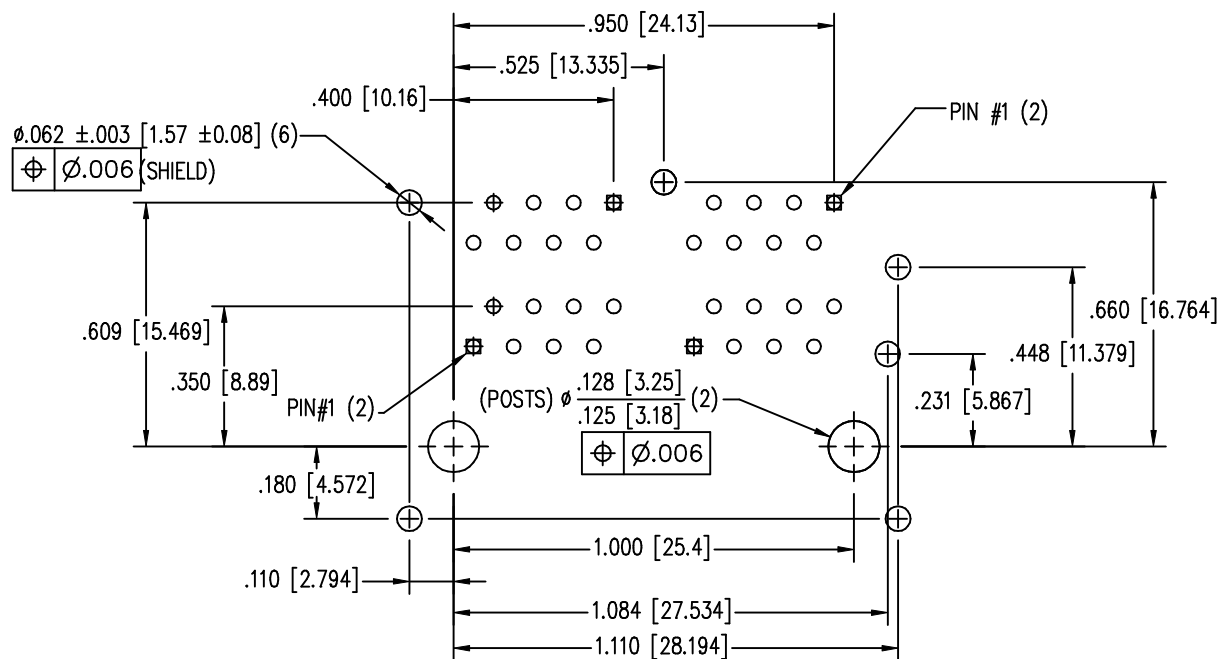
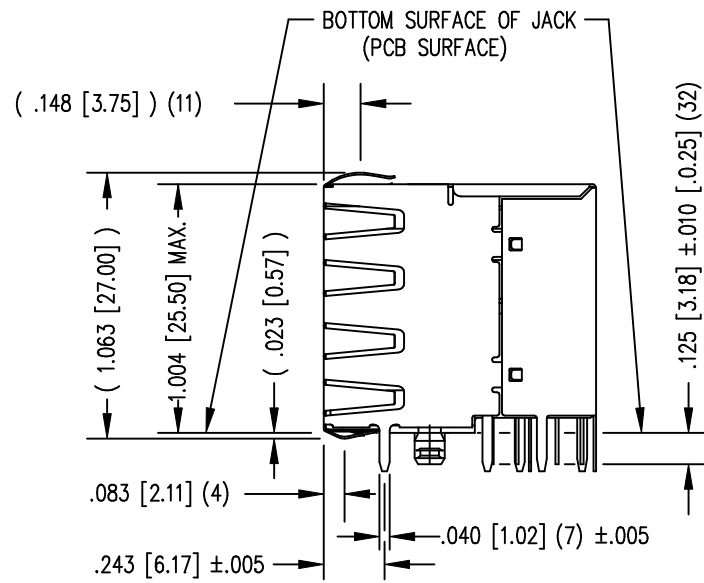
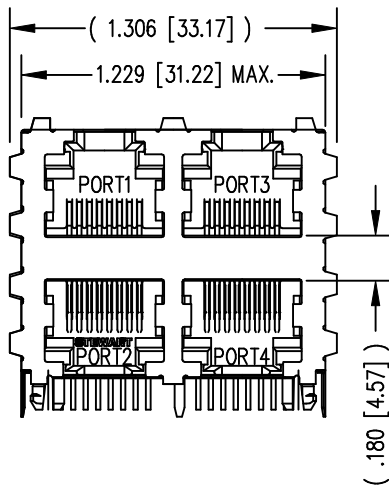
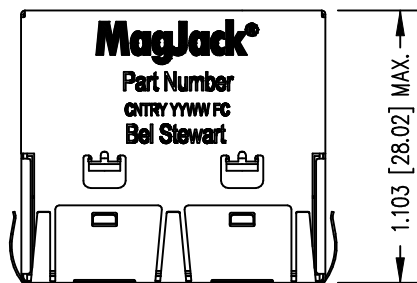
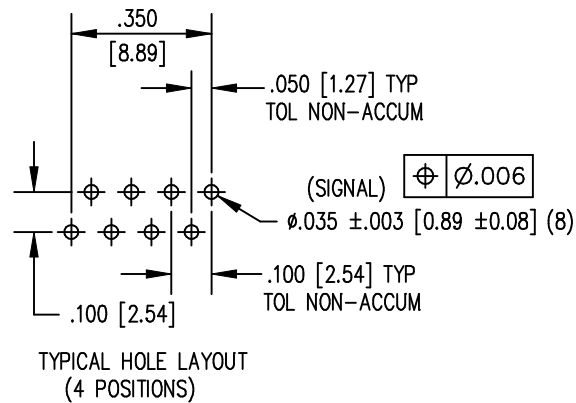
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02



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

ALL CENTERLINE DIMENSIONS ARE BASIC.

NOTES:

- 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.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE $\pm .005$ [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

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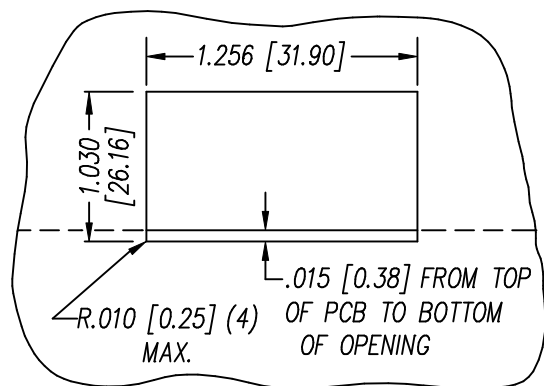
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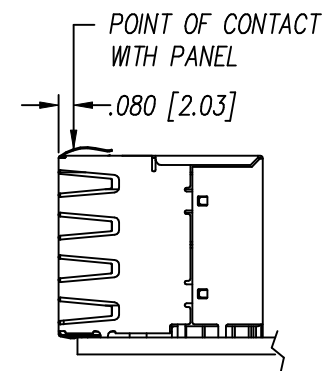
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SI-30143 REV. 05



SUGGESTED PANEL OPENING
(N.T.S.)



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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