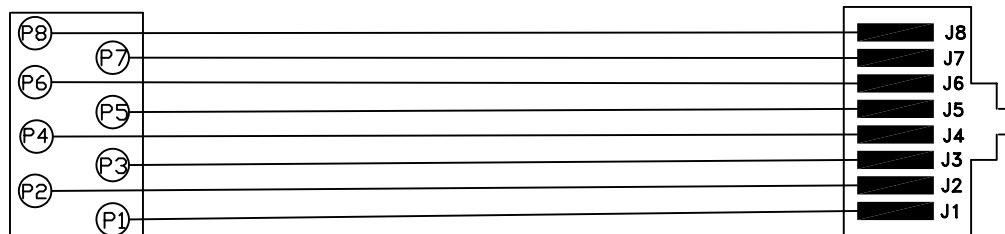
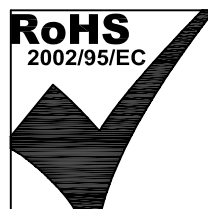
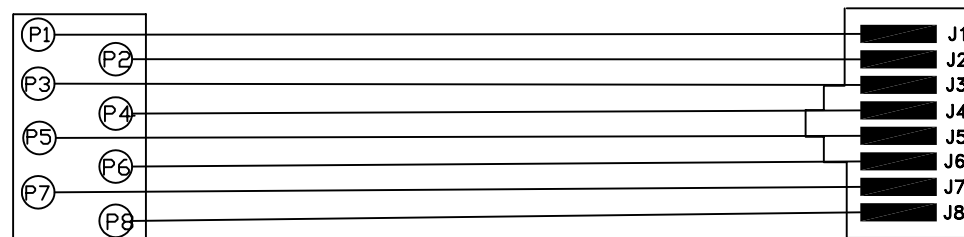


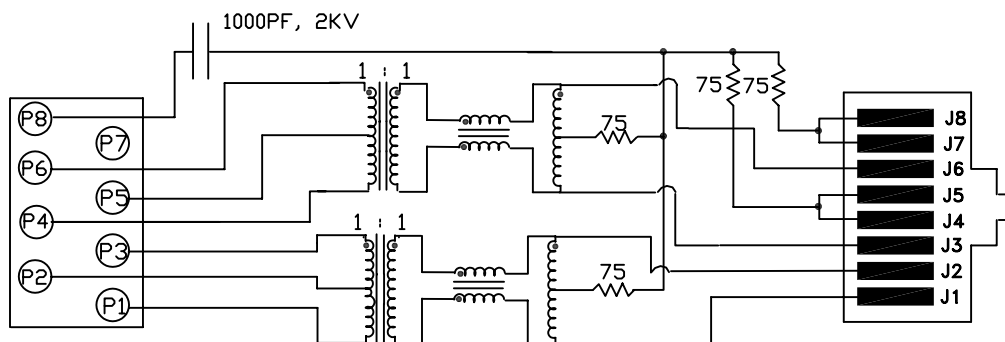
LOWER ROW (PORT 4)



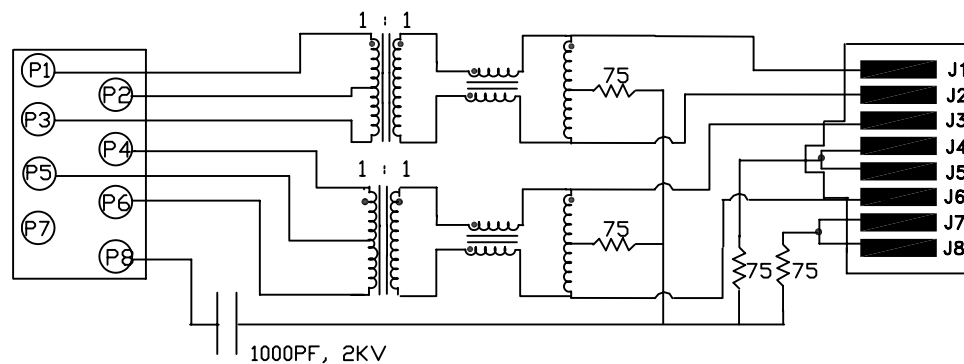
UPPER ROW (PORT 3)



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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MagJack

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SHEET
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ELECTRICAL SPECIFICATIONS:

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

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DRAWING NO. SI-30163-F

REV. 03

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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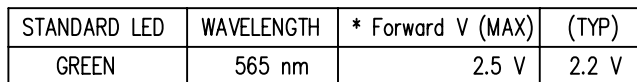
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SHEET
3 OF 5

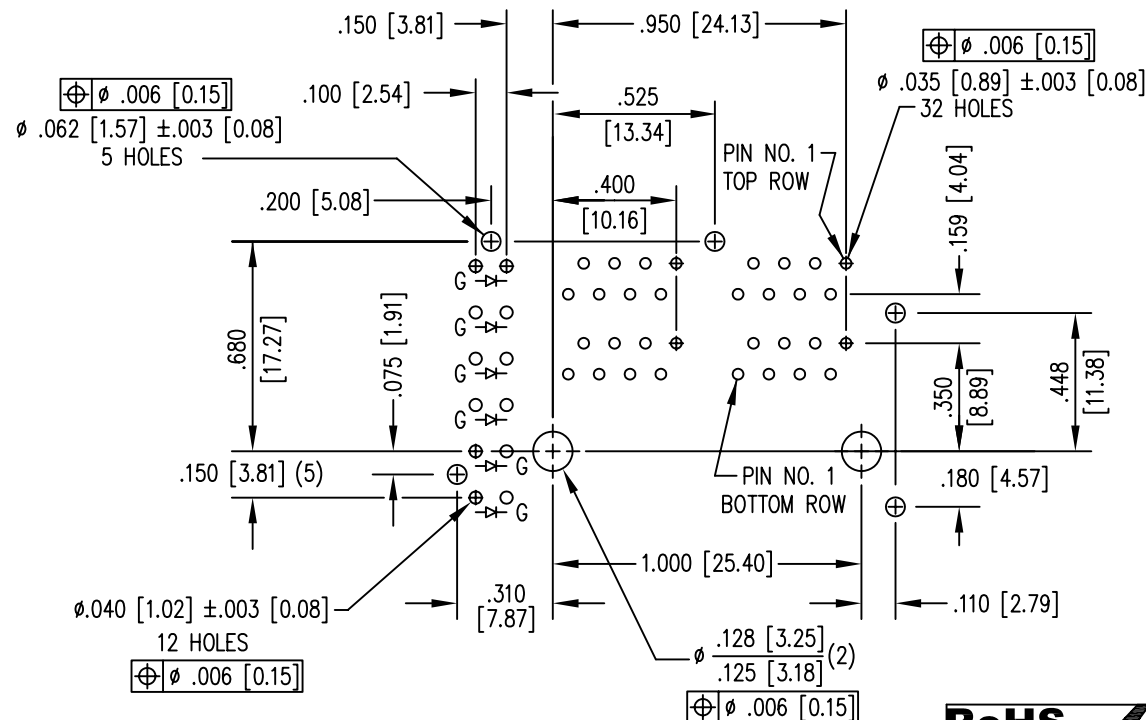
DRAWING NO. SI-30163-F

REV. 03



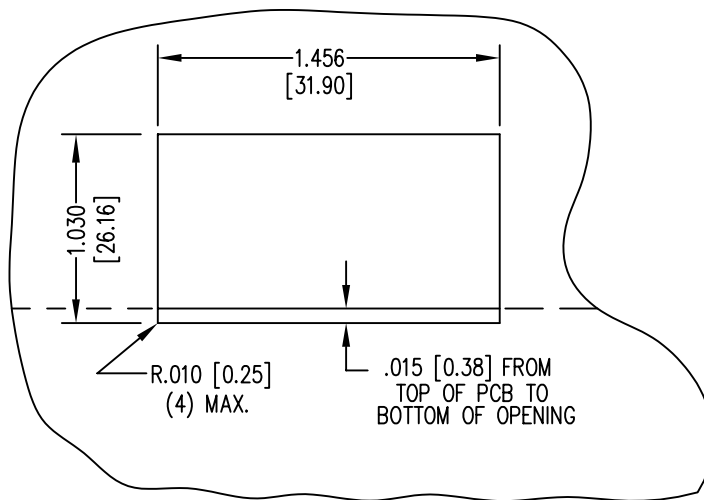
MagJack
 Part Number
 CNTRY YYWW FC
 Bel Stewart

1.103 [28.02] MAX.

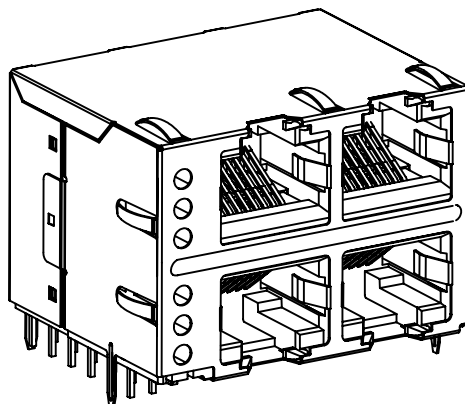
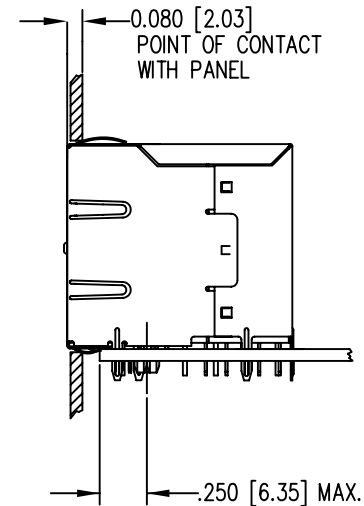


RoHS
2002/95/EC

DRAWING NO.	SI-30163-F	REV.	X3
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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 ± 0.005 [0.13]

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DRAWING NO.
SI-30163-F

REV.
X3