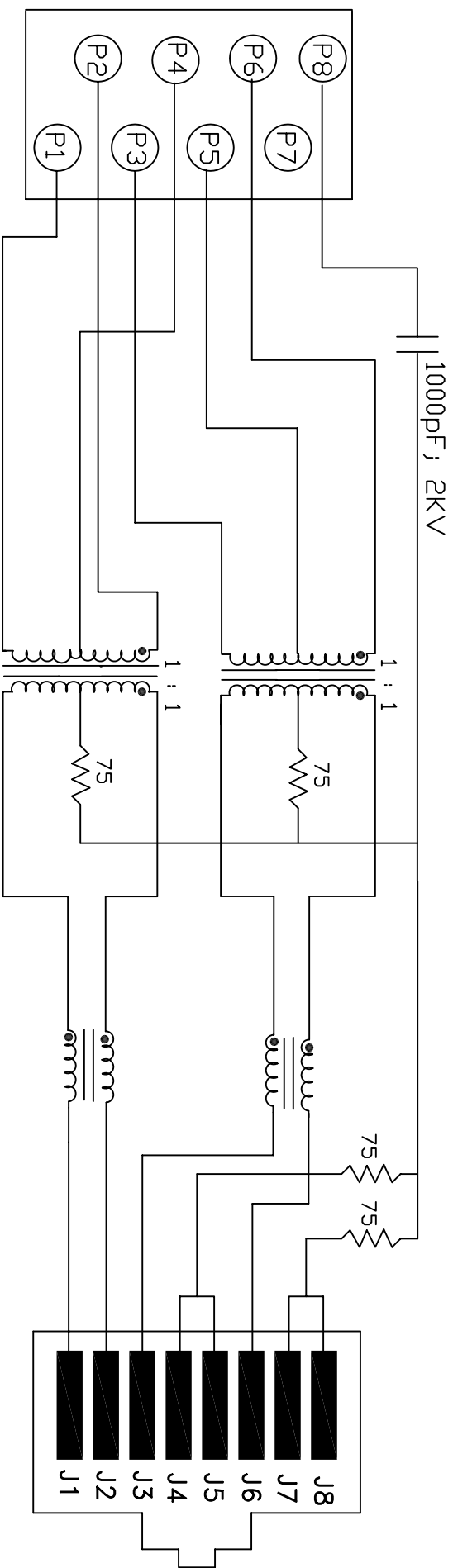


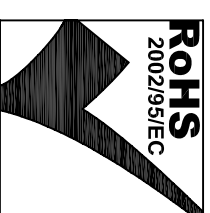


ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: $(P6-P5-P3) : (J6-J3)$
 $(P2-P4-P1) : (J2-J1)$
: 1CT : 1CT $\pm 3\%$
: 1CT : 1CT $\pm 3\%$
- 2.0 INDUCTANCE: $(P6-P3)$
 $(P2-P1)$
: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
- 3.0 LEAKAGE INDUCTANCE: $P6-P3$ (WITH $J6$ AND $J3$ SHORT)
 $P2-P1$ (WITH $J2$ AND $J1$ SHORT)
: 0.3 MAX. @ 1MHZ
: 0.3 MAX. @ 1MHZ
- 4.0 INTERWINDING CAPACITANCE: $(P6,P5,P3)$ TO $(J6,J3)$
 $(P2,P4,P1)$ TO $(J2,J1)$
: 35pf MAX @ 1MHZ
: 35pf MAX. @ 1MHZ
- 5.0 DC RESISTANCE: $(J6-J3)=(J2-J1)$
: 1.2 ohms Max.

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.



[查询"SI-46017-F"供应商](#)

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6.0 RETURN LOSS: (P6-P3)=100 OHMS AND (P1-P2)=100 OHM REF.

1MHZ TO 30MHZ

60MHZ TO 80MHZ

NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (J6-J3).

7.0 VOLTAGE WITHSTAND:

(J1, J2) TO (P1, P2)

(J3, J6) TO (P3,P6)

8.0 INSERTION LOSS: RS=RL=100 ohms
100KHZ TO 100MHZ

9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS

OUTPUT VOLTAGE = 1 V peak

PULSE WIDTH= 112ns

10.0 CROSS TALK:

1MHZ TO 100MHZ

11.0 COMMON TO COMMON MODE ATTENUATION:

30MHZ TO 100MHZ

: 18dB MIN.

: 12dB MIN.

: 1500 VAC
: 1500 VAC

1.1 dB TYP

3.0 nS MAX
3.0 nS MAX

40 dB TYP

35dB TYP

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LED SPECIFICATION			
STANDARD LED	WAVELENGTH	FORWARD V (MAX)	*(TYP)
GREEN	565 nm	2.5 V	2.2 V

Technical drawing of the Magjack connector, showing top and side views with dimensions in inches and millimeters.

Top View Dimensions:

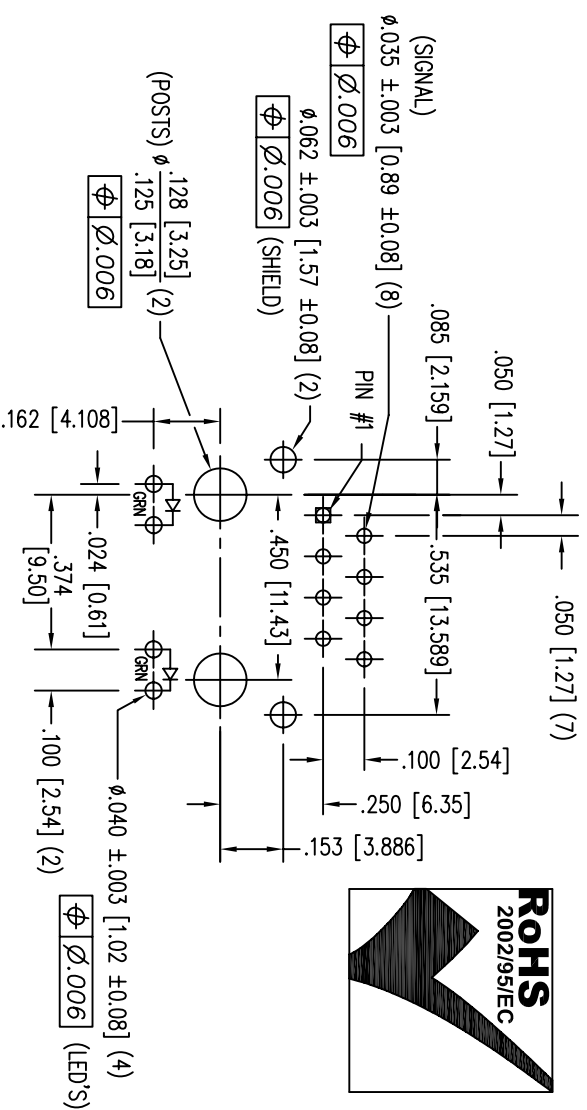
- Overall Width: .267 [6.78] MAX
- Pin Pitch: .070 [1.702] ±.010 [0.25]
- Pin Width: .125 [3.18] ±.010 [0.25]
- Pin Spacing: .125 [3.17] ±.010 [0.25]
- Pin Length: .155 [3.94] ±.010 [0.25]

Side View Dimensions:

- Overall Height: .640 [16.26] ±.010 [0.25]
- Base Width: .670 [17.02] ±.010 [0.25]

Labels and Text:

- Magjack®**
- Part Number**
- CNTRY YVWW-FC**
- Bel Stewart**
- PIN: J1**
- LED GREEN** (two locations)



ALL CENTERLINE DIMENSIONS ARE BASIC.

<http://www.stewartconnector.com>



REV. 01