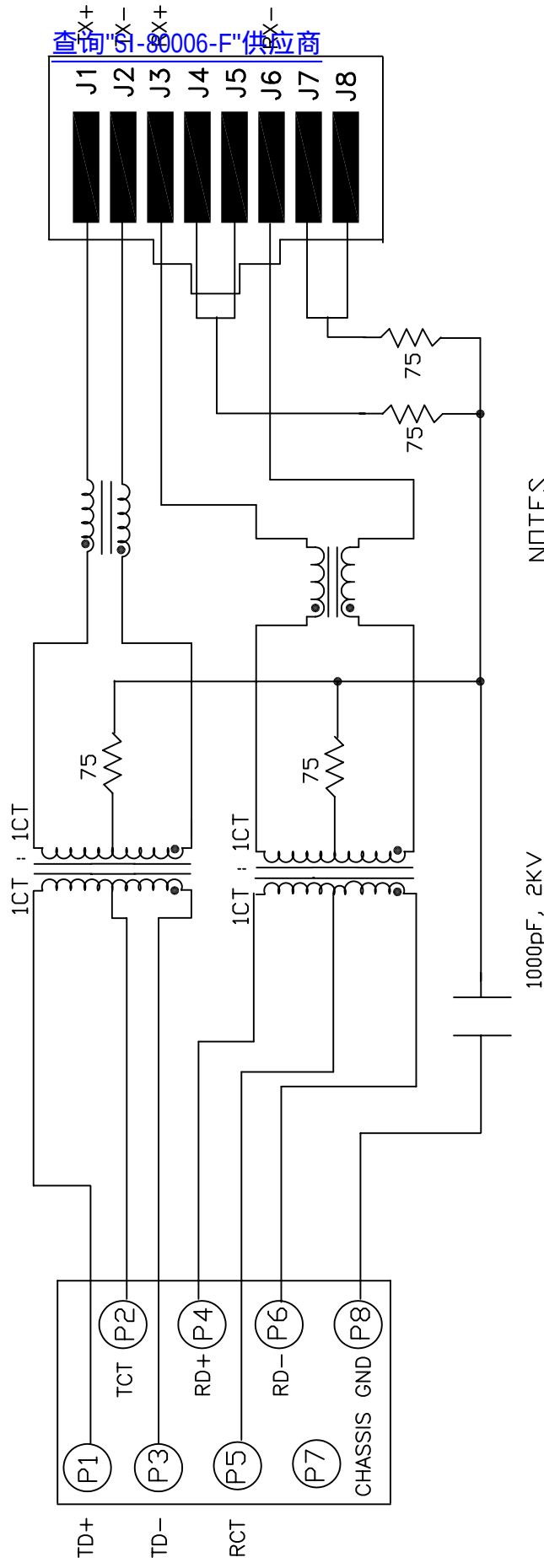
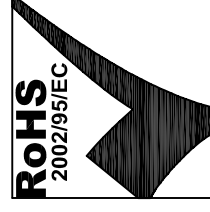




查询"SI-80006-F"供应商

NOTES

1.0 COMPLIES WITH THE EUROPEAN DIRECTIVE 2002/95/EC, CALLING FOR THE ELIMINATION OF LEAD AND OTHER HAZARDOUS SUBSTANCES FROM ELECTRONIC PRODUCTS.



ELECTRICAL SPECIFICATIONS:

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

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

MagJack®

<http://www.stewartconnector.com>

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SHEET
1 OF 3

DRAWING NO.

SI-80006-F

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6.0 RETURN LOSS: (P4-P6)=100 OHMS AND (P1-P3)=100 OHM REF.
1MHz TO 30MHz : 18dB MIN.
60MHz TO 80MHz : 12dB MIN.

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

7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P3) : 1500 VAC
(J3, J6) TO (P4, P6) : 1500 VAC

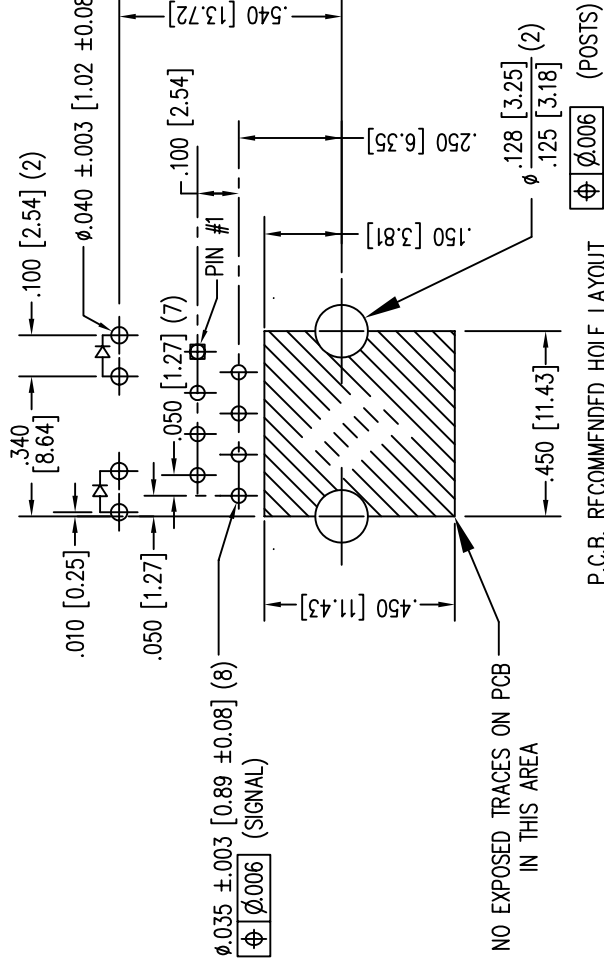
8.0 INSERTION LOSS: RS=RL=100 ohms : 1.1 dB TYP
100KHz TO 100MHz

9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS : 3.0 nS MAX
OUTPUT VOLTAGE = 1 V peak : 3.0 nS MAX
PULSE WIDTH= 112nS

10.0 CROSS TALK: 1-100 MHz : 40 dB TYP

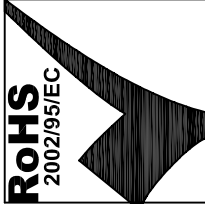
11.0 COMMON TO COMMON MODE ATTENUATION: 30MHz TO 100MHz : 35dB TYP

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

ALL CENTERLINE DIMENSIONS ARE BASIC.

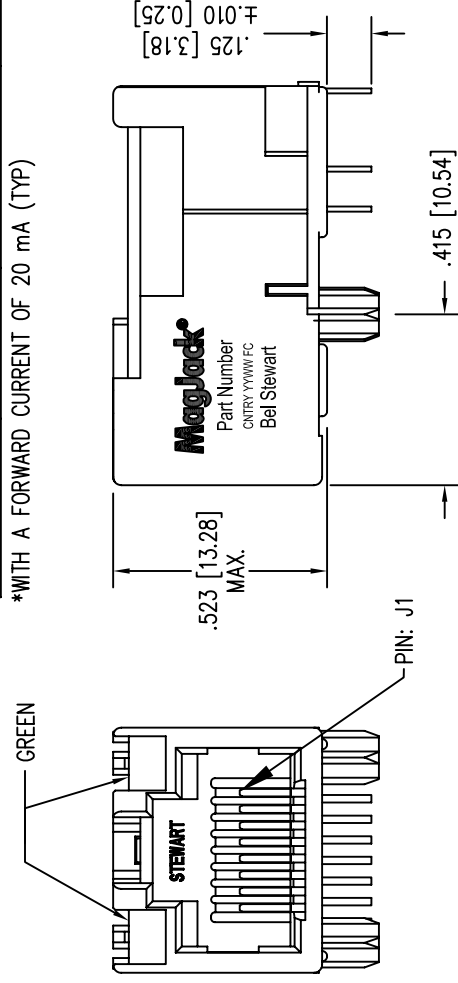


NOTES:

1. CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD 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 $\pm .005$ [0.13]
5. REFLOW AND WAVE SOLDER COMPATIBLE -260°C FOR
10 SECONDS MAX.
6. FOR PRODUCT SPECIFICATIONS SEE PR024-01.

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

*WITH A FORWARD CURRENT OF 20 mA (TYP)



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