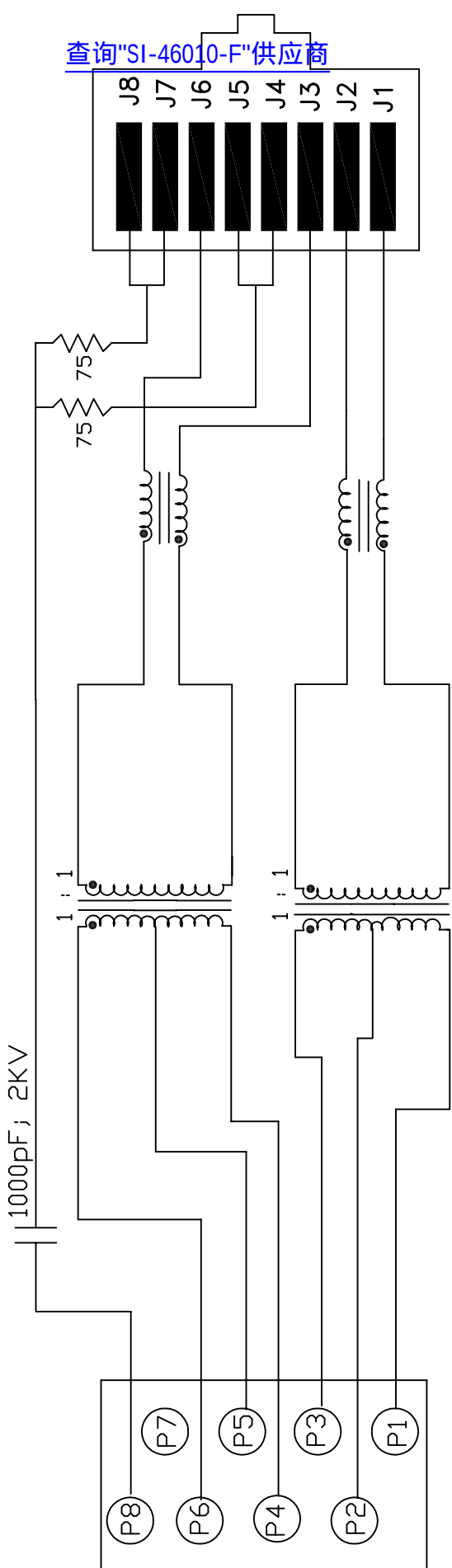




ELECTRICAL SPECIFICATIONS:

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

: 1CT : 1CT $\pm$ 3%
: 1CT : 1CT $\pm$ 3%

: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias
: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias

: 0.3 MAX. @ 1MHz
: 0.3 MAX. @ 1MHz

: 30pf MAX @ 1MHz
: 30pf MAX. @ 1MHz

: 1.2 ohms Max.

1.0 TURNS RATIO: (P6-P5-P4) : (J6-J3)
(P3-P2-P1) : (J2-J1)

2.0 INDUCTANCE: (P6-P4)
(P3-P1)

3.0 LEAKAGE INDUCTANCE: P6-P4 (WITH J6 AND J3 SHORT)
P3-P1 (WITH J2 AND J1 SHORT)

4.0 INTERWINDING CAPACITANCE: (P6,P5,P4) TO (J6,J3)
(P3,P2,P1) TO (J2,J1)

5.0 DC RESISTANCE: (J6-J3)=(J2-J1)

Bel Stewart Connector
11118 Susquehanna Trail, South
Glen Rock, Pa 17327-9199
717.234.7512
<http://www.stewartconnector.com>

MagJack®

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND PROPERTY OF BEL STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONTENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING.

SHEET
1 OF 3

DRAWING NO.

SI-46010-F

REV.

X0

[查询"SI-46010-F"供应商](#)

6.0 RETURN LOSS: $\langle P6-P4 \rangle = 100 \text{ OHMS}$ AND $\langle P1-P3 \rangle = 100 \text{ OHM REF.}$

1MHZ TO 30MHZ

60MHZ TO 80MHZ

NOTE: 100 OHMS CONNECTED TO $\langle J2-J1 \rangle$ OR $\langle J6-J3 \rangle$.

7.0 VOLTAGE WITHSTAND:

$\langle J1, J2 \rangle$ TO $\langle P1, P3 \rangle$

$\langle J3, J6 \rangle$ TO $\langle P4, P6 \rangle$

8.0 INSERTION LOSS: $RS=RL=100 \text{ OHMS}$

100KHZ TO 100MHZ

9.0 RISE TIME: $RS=100 \text{ OHMS}$ AND $RL = 100 \text{ OHMS}$

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

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND PROPERTY OF BEL STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONTENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING.

Bel Stewart Connector

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

MagJack®

<http://www.stewartconnector.com>

SHEET
2 OF 3

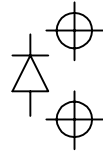
DRAWING NO.

SI-46010-F

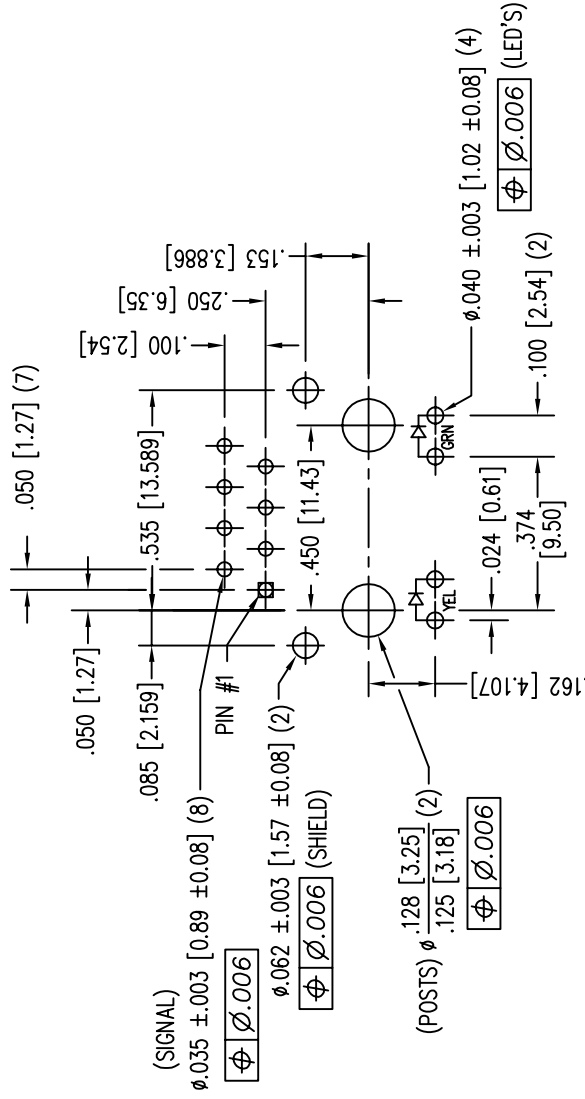
REV.

X0

LED POLARITY (ENLARGED VIEW)

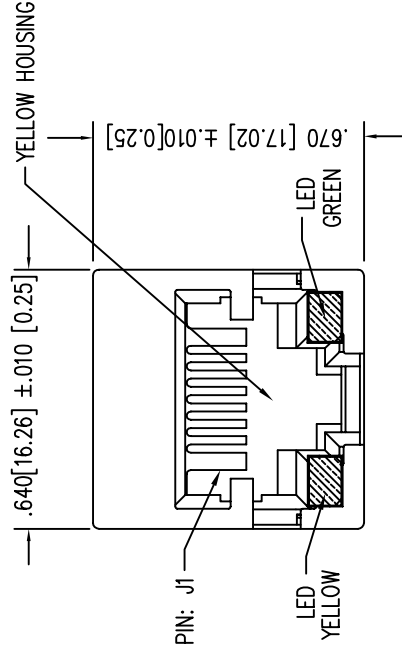
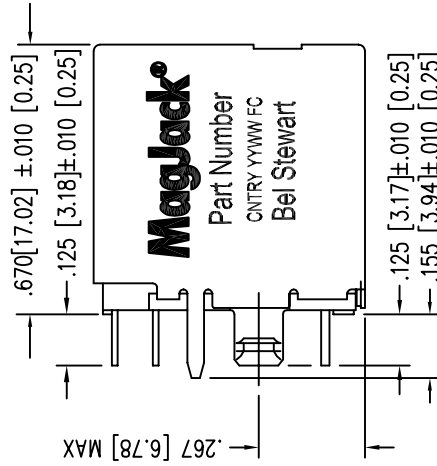
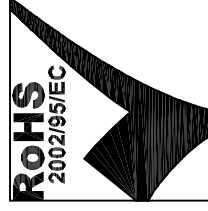


SINGLE COLOR LED



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

ALL CENTERLINE DIMENSIONS ARE BASIC.



LED SPECIFICATION			
STANDARD LED	WAVELENGTH	FORWARD V (MAX)	*(TYP)
GREEN	565 nm	2.5 V	2.2 V
YELLOW	590 nm	2.5 V	2.1 V

*WITH A FORWARD CURRENT OF 20 mA (TYP)

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.
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.
- HOUSING COLOR IS YELLOW PER PANTONE 115C.

Bel Stewart Connector

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

MagJack®

<http://www.stewartconnector.com>