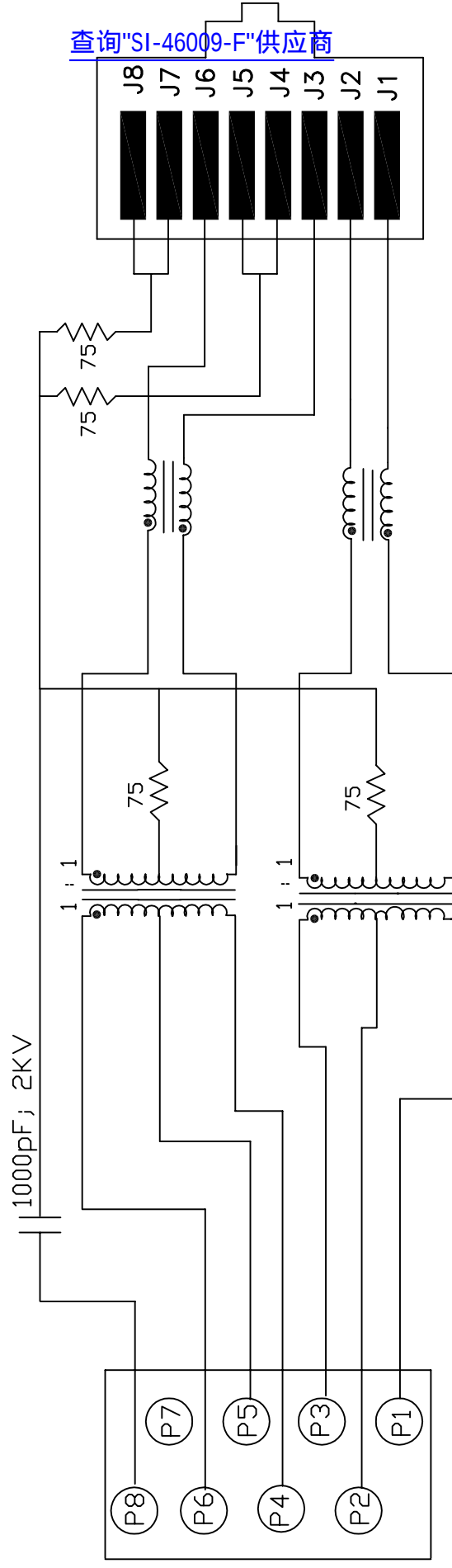




ELECTRICAL SPECIFICATIONS:

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

1.0 TURNS RATIO: $\left\{ \begin{matrix} \text{P6-P5-P4} \\ \text{P3-P2-P1} \end{matrix} \right\} : \left\{ \begin{matrix} \text{J6-J3} \\ \text{J2-J1} \end{matrix} \right\}$

$$\begin{array}{l} \vdots \\ \vdots \\ \vdots \end{array} \quad \begin{array}{l} 1\text{CT} : 1\text{CT} \pm 3\% \\ 1\text{CT} : 1\text{CT} \pm 3\% \\ 1\text{CT} : 1\text{CT} \pm 3\% \end{array}$$

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

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

3.0 LEAKAGE INDUCTANCE:

:: 0.3 MAX. @ 1MHZ
 :: 0.3 MAX. @ 1MHZ

4.0 INTERWINDING CAPACITANCE: $\{P6,P5,P4\}$ TO $\{J6,J3\}$
 $\{P3,P2,P1\}$ TO $\{J2,J1\}$

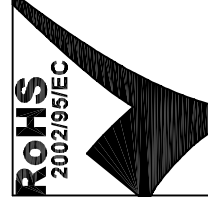
```

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

```

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

: 1.2 ohms Max.



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6.0 RETURN LOSS: (P6-P4)=100 OHMS AND (P1-P3)=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, P3)

(J3, J6) TO (P4,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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DRAWING NO.

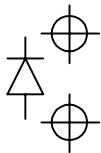
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REV.

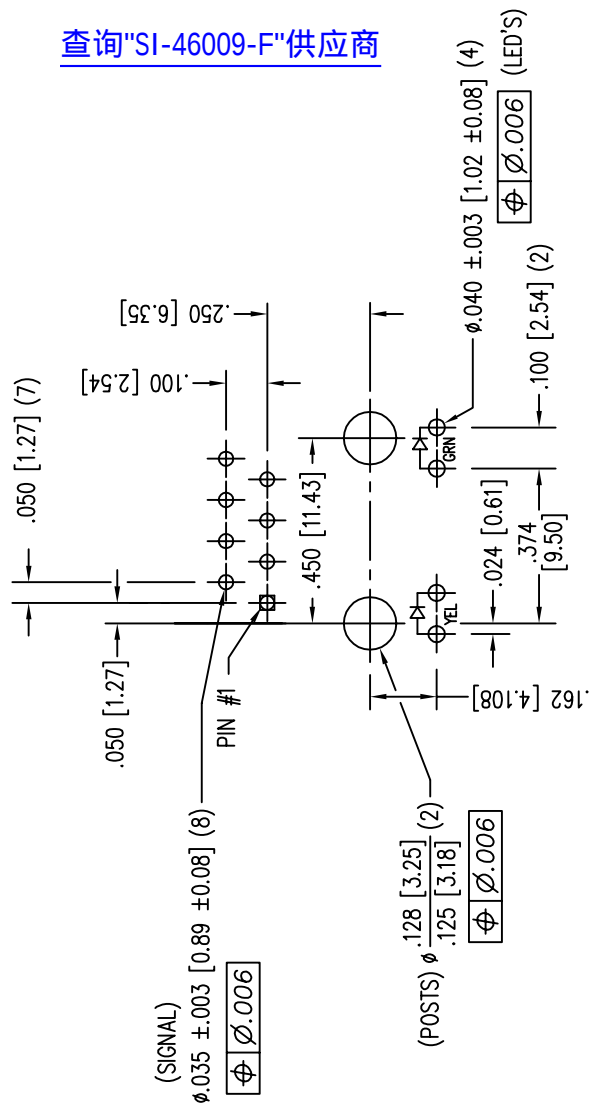
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LED POLARITY
(ENLARGED VIEW)



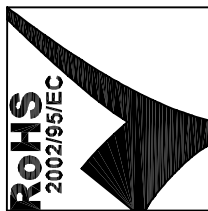
SINGLE COLOR LED



MAGNETIC COMPONENT CAVITY IS FILLED WITH POTTING COMPOUND

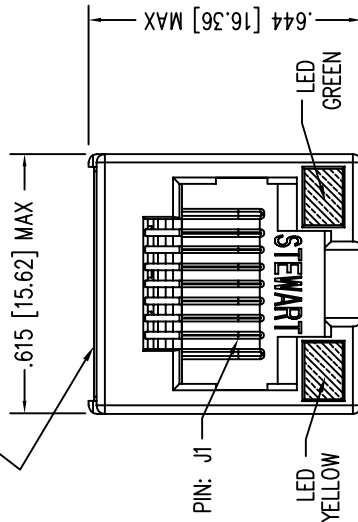
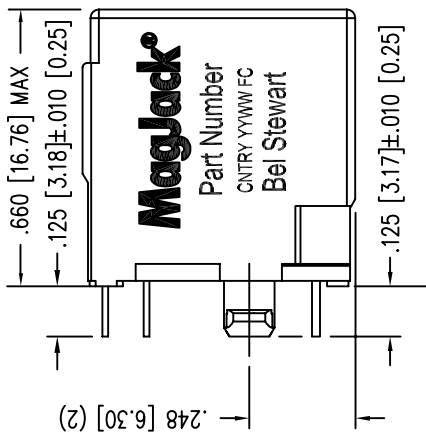
P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC.



NOTES:

1. CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT: COPPER ALLOY
CONTACT PLATING: SELECTIVE GOLD,
50 MICRO-INCHES MIN. IN CONTACT AREA.
2. PIN NOT ELECTRICALLY CONNECTED MAY BE 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. WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.



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

*WITH A FORWARD CURRENT OF 20 mA (TYP)

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