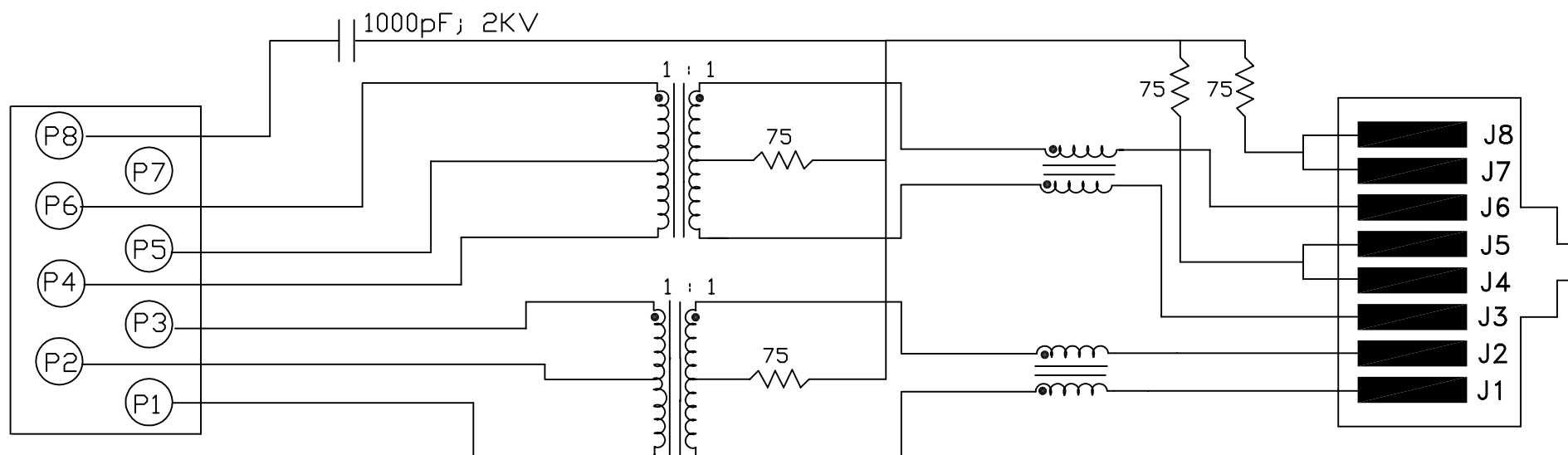


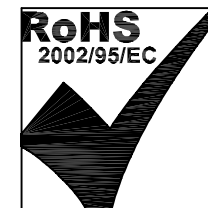


ELECTRICAL SPECIFICATIONS:

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

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.



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SHEET
1 OF 3

DRAWING NO.
SI-46005-F

REV.
05

6.0 RETURN LOSS: (P6-P4)=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 (J6-J3).	
7.0 VOLTAGE WITHSTAND:	
(J1, J2) TO (P1, P3)	: 1500 VAC
(J3, J6) TO (P4, P6)	: 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	3.0 nS MAX
PULSE WIDTH= 112nS	3.0 nS MAX
10.0 CROSS TALK:	
1MHz TO 100MHz	40 dB TYP
11.0 COMMON TO COMMON MODE ATTENUATION:	
30MHz TO 100MHz	35dB TYP

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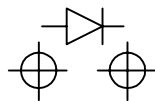
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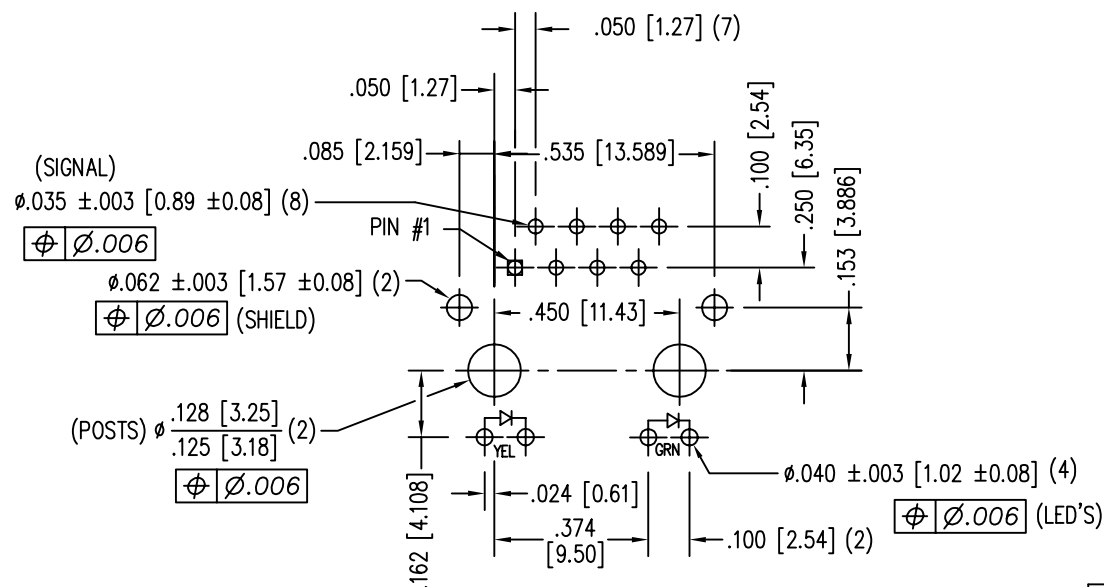
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SHEET	2 OF 3	DRAWING NO.	SI-46005-F	REV.	05
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LED POLARITY (ENLARGED VIEW)

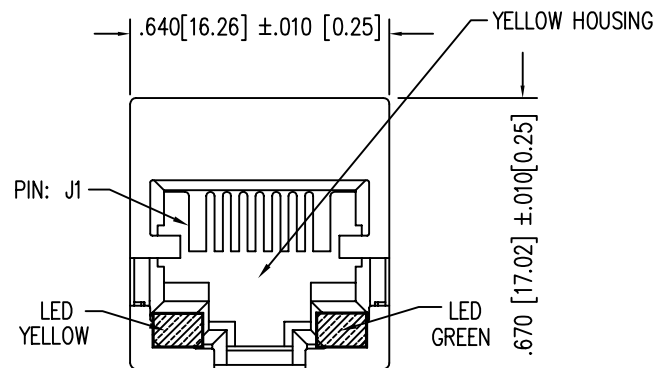
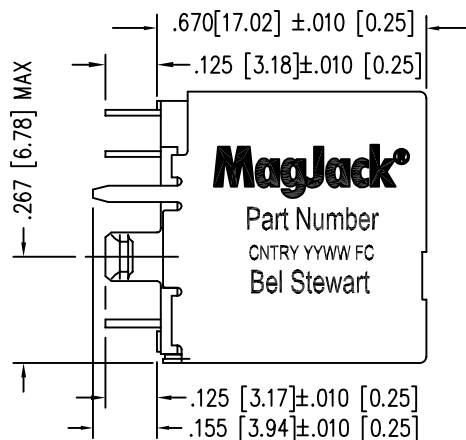
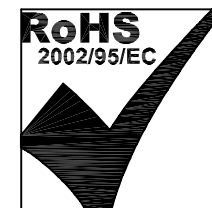


SINGLE COLOR LED



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.

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SHEET 3 OF 3

DRAWING NO.

SI-46005-F

REV. 04