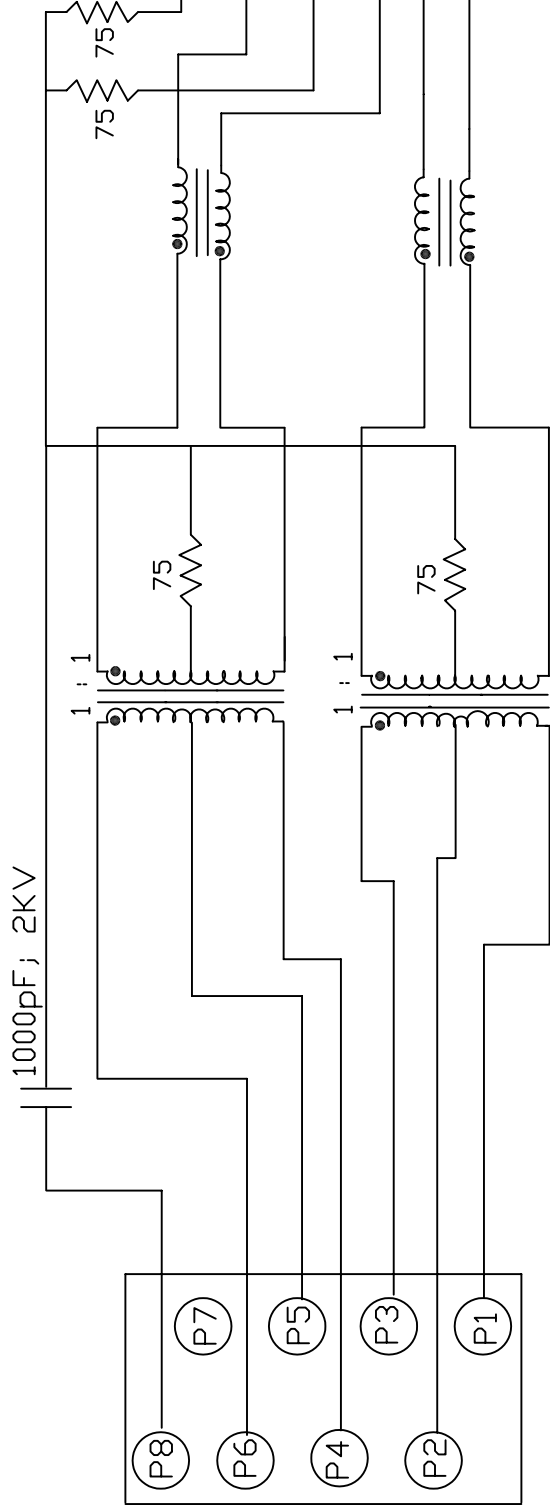




THE DATASHEET OF
SI-60024-F





ELECTRICAL SPECIFICATIONS:

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)

: 1CT : 1CT ± 3%
 : 1CT : 1CT ± 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.

NOTES

1.0 PI
 CONN

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SHEET
 1 OF 4

DR

RECEIVE

6.0 RETURN LOSS: 1MHZ TO 30MHZ : 18dB MIN.
60MHZ TO 80MHZ : 12dB MIN.

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

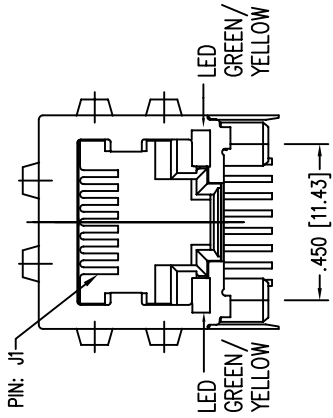
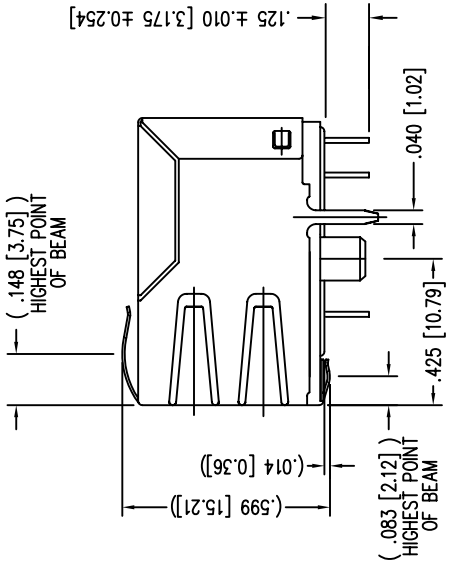
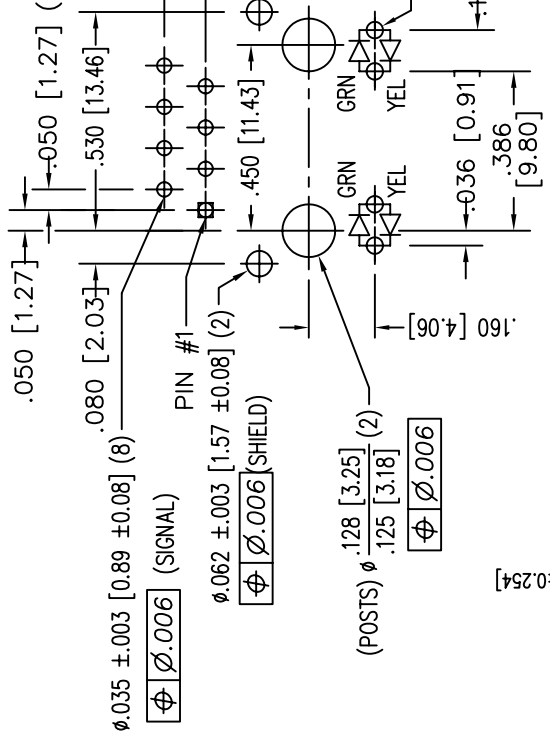
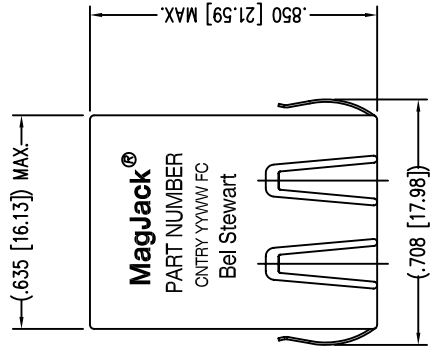
7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P3) : 1500 VAC
(J3, J6) TO (P4,P6) : 1500 VAC

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: 1MHZ TO 100MHZ : 40 dB TYP

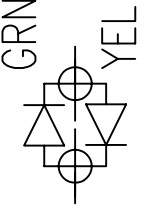
11.0 COMMON TO COMMON MODE ATTENUATION: 30MHz TO 100MHz : 35dB TYP



P.C.B. RECOMMENDED HOLE LAYOUT
 SEEN FROM COMPONENT SIDE
 ALL CENTERLINE DIMENSIONS ARE E

NOTES:

- CONNECTOR MATERIAL: HOUSING: THERMOPLASTIC; CONTACT/SHIELD: NICKEL; SHIELD PLATING: SILVER; CONTACT PLATING: SOLDER
- PIN NOT ELECTRICAL
- SEE ELECTRICAL DRAWING
- TOLERANCES COMPLY WITH ASME Y14.5
- ALL TOLERANCES NOTED
- REFLOW AND WAVE SOLDERING 10 SECONDS MAX.



TYP. LED POLARITY

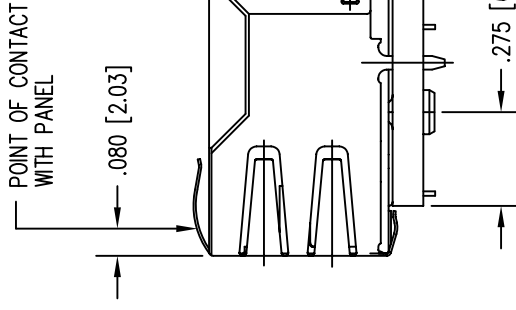
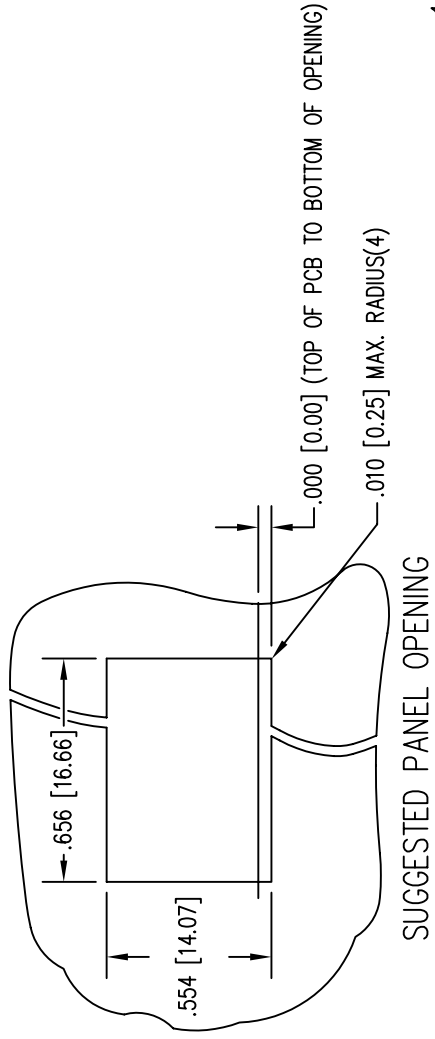
LED SPECIFICATION		
STANDARD LED	WAVELENGTH	FORWARD V (MAX) * (TYP)
GREEN	565 nm	2.5 V 2.2 V
YELLOW	590 nm	2.5 V 2.1 V

*WITH A FORWARD CURRENT OF 20 mA (TYP)

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DRAWING NO.
 SHEET 3 OF 4

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SUGGESTED PANEL OPENING

1. THE SUGGESTED PANEL TO GIVE THE USER THE REASONABLE JACK / P/ YET MAINTAIN RELIABLE CAPABILITY.
2. ALL TOLERANCES NOT 0 TO BE $\pm .005$ [0.13]

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SHEET 4 OF 4
 DRA

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