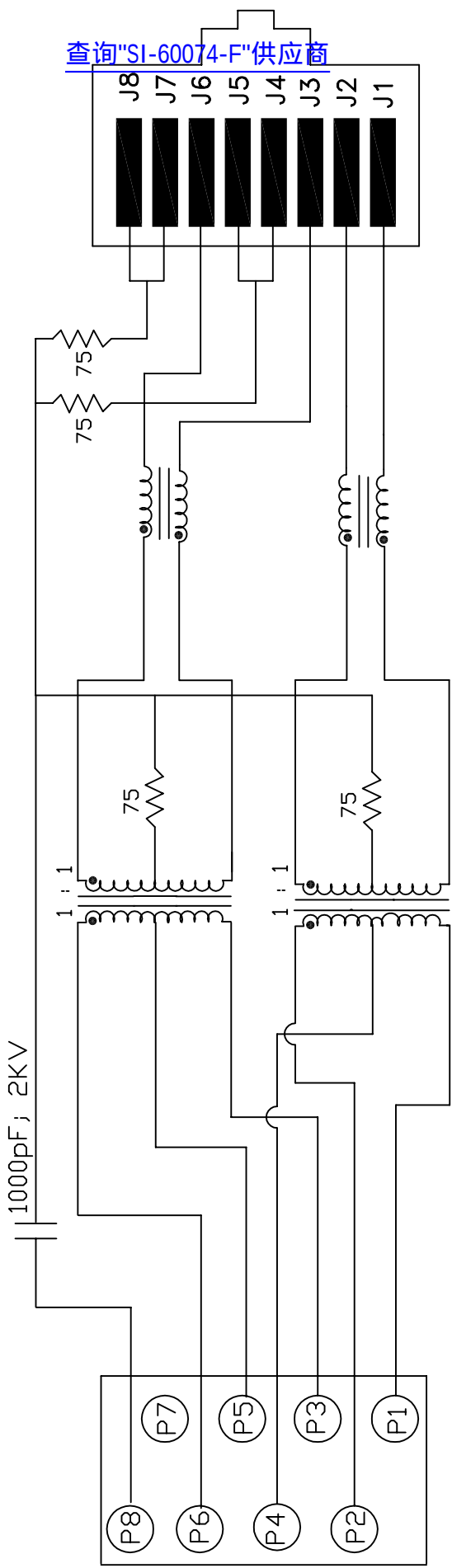




ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: {P3-P5-P6} : {J3-J6}
{P1-P4-P2} : {J1-J2}
 - 2.0 INDUCTANCE: {P1-P2}
{P3-P6}
 - 3.0 LEAKAGE INDUCTANCE: P6-P3 (WITH J6 AND J3 SHORT)
P2-P1 (WITH J2 AND J1 SHORT)
 - 4.0 INTERWINDING CAPACITANCE: {P6,P5,P3} TO {J6,J3}
{P2,P4,P1} TO {J2,J1}
 - 5.0 DC RESISTANCE: (J6-J3)=(J2-J1)
- NOTES
- 1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.



RECEIVE

6.0 RETURN LOSS: (P6-P4)=100 OHMS AND (P1-P2)=100 OHM REF.
1MHz TO 30MHz
60MHz TO 80MHz

: 18dB MIN.
: 12dB MIN.

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

7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1, P2)
(J3, J6) TO (P3, P6)

: 1500 VAC
: 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
PULSE WIDTH= 112nS

: 3.0 nS MAX
: 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

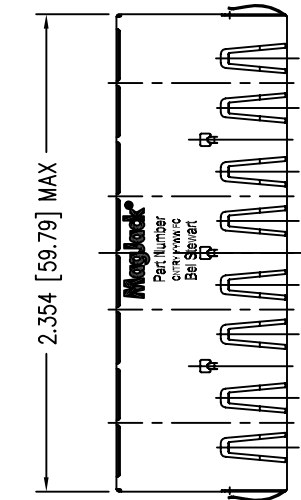
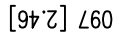
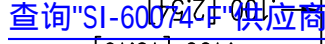


Figure 1 is a schematic diagram of the LED array structure. It shows a cross-section of a substrate with four LED units. Each unit consists of a green LED and a yellow LED. The green LED is labeled "GREEN LED 4X" and the yellow LED is labeled "YELLOW LED 4X". The distance between the centers of the green and yellow LEDs is 2.100. The total width of the array is 53.34. The pin is labeled "PIN: J1".



* WITH A FORWARD CURRENT OF 20 mA



1. CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT /SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD.

SELECTIVE GOLD,
50 MICRO-INCHES MIN. IN CONTACT AREA.

התאחדות המורים והתאחדות ההורים יחדיו.

3. TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.

4. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.005 [0.13]

5. WAVE SOLDER COMPATIBLE – PREHEAT 125°C/90SECS.

6. DIMENSIONS SHOWN WITH ³⁹* TO BE CENTRAL

7. "ON DIMENSION INDICATES HIGHEST POINT OF BEAM ABOUT CENTER LINE"

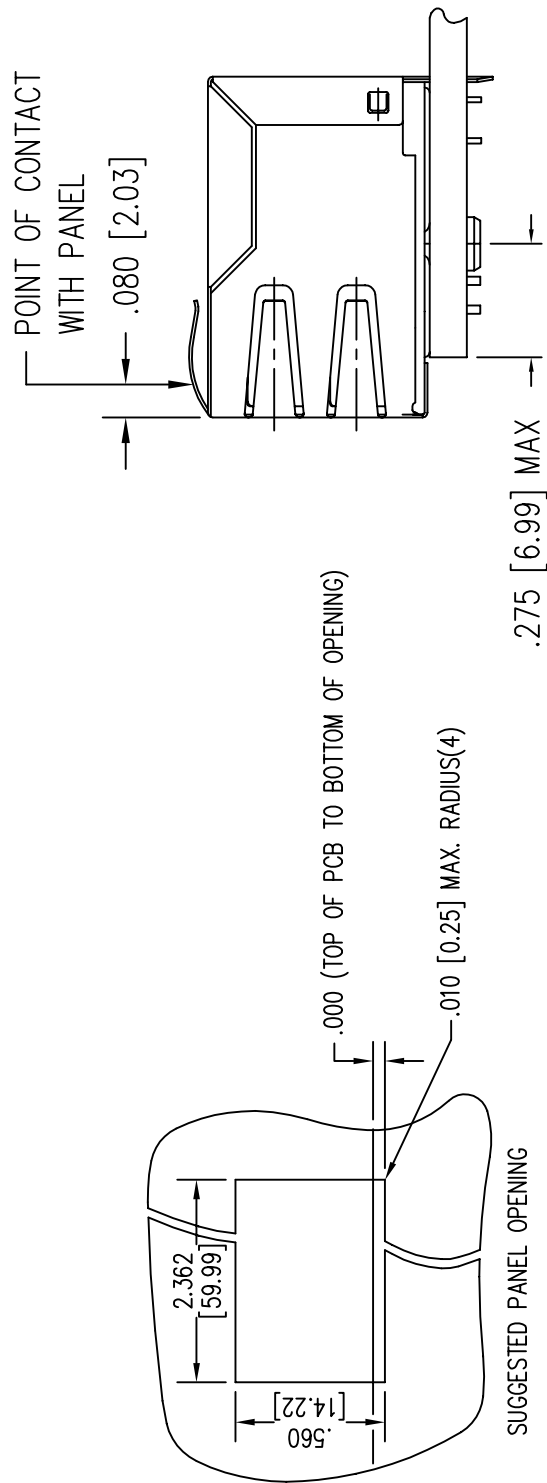
11118 Susquehanna Trail, South
Glen Rock, Pa 17327-9199
717.234.7512

<http://www.stewartconnector.com>

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1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.
2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE $\pm .005$ [0.13]

Bel Stewart Connector
11118 Susquehanna Trail, South
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MagJack®

<http://www.stewartconnector.com>

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SHEET
4 OF 4

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