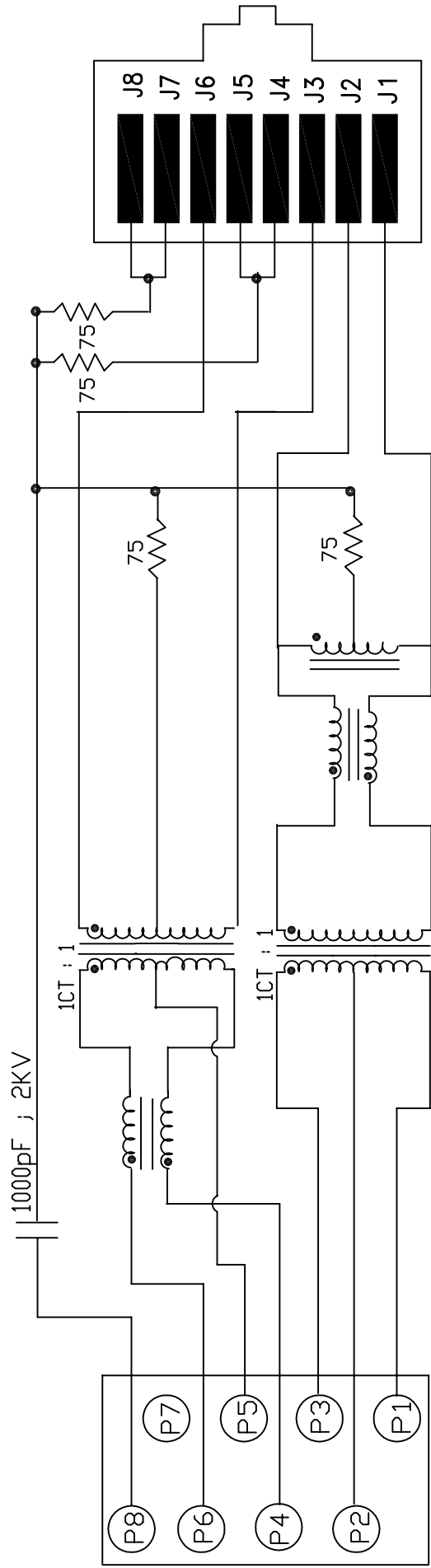




ELECTRICAL SPECIFICATIONS:

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: {J1-J2}
{P6-P4}

NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.

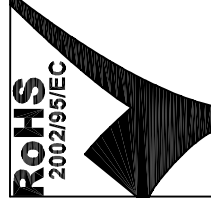
: 1CT : 1 ± 3%
: 1CT : 1 ± 3%

: 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.
: 1.2 ohms Max.



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RECEIVE

6.0 RETURN LOSS: 1MHz TO 30MHz
60MHz TO 80MHz
(P1 – P3) = 100 OHMS
(J3 – J6) = 100 OHMS

: 18dB MIN.
: 12dB MIN.

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

: 35 dB TYP

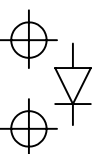
11.0 COMMON TO COMMON MODE ATTENUATION: 1MHz TO 100MHz : 35dB TYP



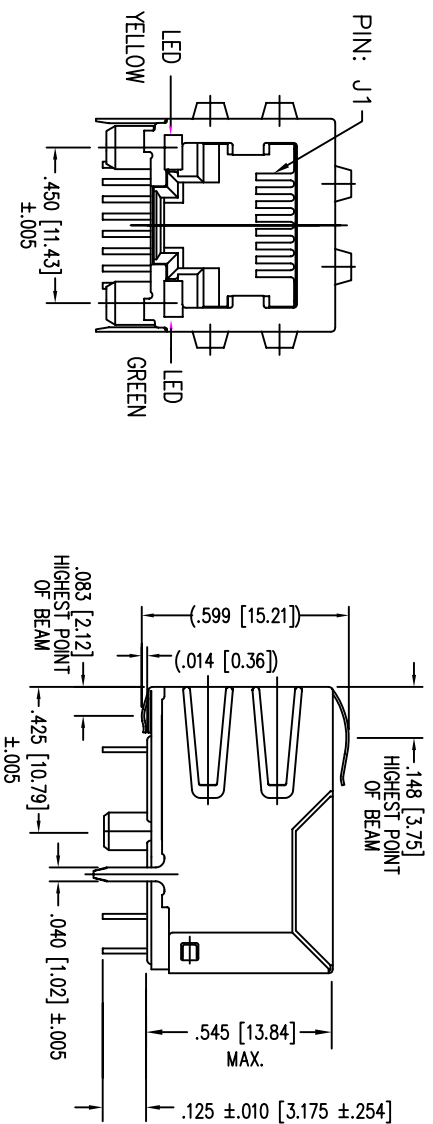
DETAIL "B"

TYPICAL LED HOLE LAYOUT

LED POLARITY
(ENLARGED VIEW)



SINGLE COLOR LED

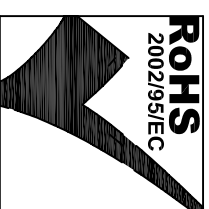


LED SPECIFICATION			
STANDARD LED	WAVELENGTH	* Forward V (MAX)	(TTP)
GREEN	565 nm	2.5 V	2.1 V
YELLOW	590 nm	2.5 V	2.1 V

*WITH A FORWARD CURRENT OF 20 mA

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

ALL CENTERLINE DIMENSIONS ARE BASIC.



NOTES:

1. CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94 V-0
HEAT DEFLECTION TEMPERATURE - 265°C
- CONTACT/SHIELD: COPPER ALLOY
- SHIELD PLATING: NICKEL OR TIN
- CONTACT PLATING: SELECTIVE GOLD,
50 MICRO-INCHES MIN. IN CONTACT AREA.
2. PIN NOT ELECTRICALLY CONNECTED MAYBE 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. REFLOW AND WAVE SOLDER COMPATIBLE -260°C FOR
10 SECONDS MAX.

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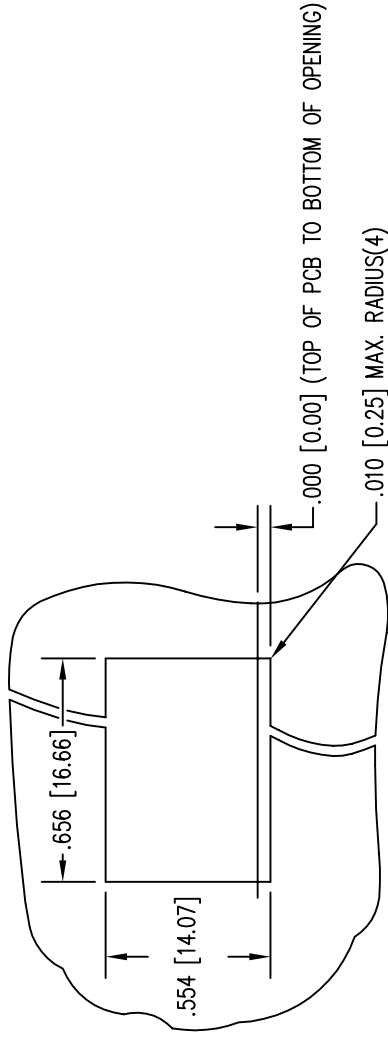
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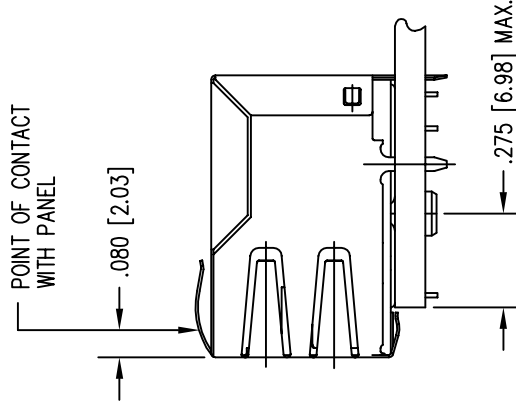
<http://www.stewartconnector.com>



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SUGGESTED PANEL OPENING



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]

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