

## ELECTRICAL SPECIFICATIONS:

- 1.0 TURNS RATIO: (P1~P2) : (J1~J2) : 1:1±3%  
 (P3~P6) : (J3~J6) : 1:1±3%
- 2.0 INDUCTANCE: (P1~P2) : 350uH MIN @ 0.1V, 100KHZ, 8mA DC BIAS  
 (P3~P6) : 350uH MIN @ 0.1V, 100KHZ, 8mA DC BIAS
- 3.0 LEAKAGE INDUCTANCE: P1~P2 (WITH J1 AND J2 SHORT) : 0.3uH MAX @ 1 MHZ  
 P3~P6 (WITH J3 AND J6 SHORT) : 0.3uH MAX @ 1 MHZ

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4.0 INTERWINDING CAPACITANCE: (P1~P2): (J1~J2) :35pF MAX @ 1MHZ  
(P3~P6): (J3~J6) :35pF MAX @ 1MHZ

5.0 DC RESISTANCE: (J1~J2): (J3~J6) :1.2 OHMS MAX

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

7.0 DIELECTRIC WITHSTAND: (P1~P2): (J1~J2) :1500VAC  
(P3~P6): (J3~J6) :1500VAC

8.0 INSERTION LOSS: RS=RL=100OHM : -1.1dB MIN  
100KHZ TO 80MHZ

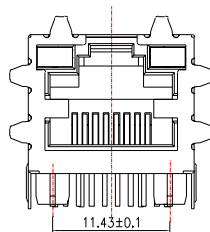
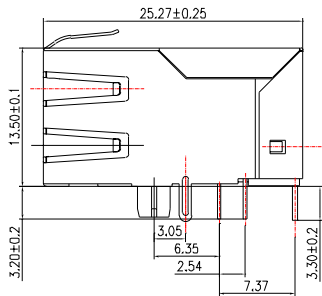
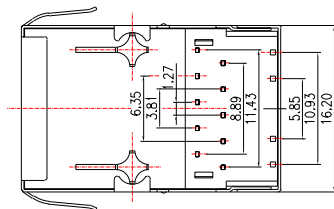
9.0 RISE TIME: RS=100 OHMS AND RL=100OHMS : 3.0nS MAX  
OUTPUT VOLTAGE=1V PEAK : 3.0nS MAX  
PULSE WIDTH= 112nS

10.0 CROSS TALK: 1MHZ TO 100MHZ 40dB TYP

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

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# MECHANIC SPECIFICATIONS:



## NOTES:

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

50 MICRO-INCHS MIN   
30 MICRO-INCHS MIN   
15 MICRO-INCHS MIN   
6 MICRO-INCHS MIN   
3 MICRO-INCHS MIN

IN CONTACT AREA

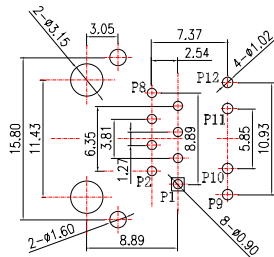
2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS

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

4. WAVE SOLDER COMPATIBLE-PREREHEAT 125 C DEGREE/90SECS  
5. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±0.1mm.

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# MECHANIC SPECIFICATIONS:

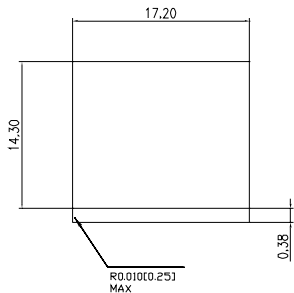


P.C.B RECOMMENDED HOLE LAYOUT  
 SEEN FROM COMPONENT SIDE.  
 ALL CENTERLINE DIMENSIONS ARE BASIC

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Forward V(max)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

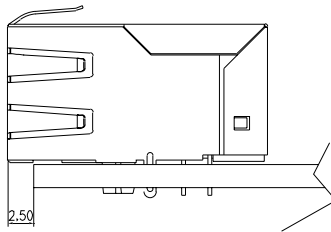
\*WITH A FORWARD CURRENT OF 20mA

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.015(.038) FROM TOP OF PCB TO BOTTOM OF OPENING.

SUGGESTED PANEL OPENING(N.T.S)



- 1.THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK/PANEL CLEARANCES CAPABILITY.
- 2.ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE  $\pm 0.005$  INCH(0.13)

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