

ELECTRICAL SPECIFICATIONS:

- | | |
|---|---------------------------------------|
| 1.0 TURNS RATIO: (P2-P3): (J1-J2) | : 1:1 ±3% |
| (P4-P5): (J3-J6) | : 1:1 ±3% |
| 2.0 INDUCTANCE: (P2-P3) | 350uH MIN @ 0.1V, 100KHZ, 8mA DC BIAS |
| (P4-P5) | 350uH MIN @ 0.1V, 100KHZ, 8mA DC BIAS |
| 3.0 LEAKAGE INDUCTANCE: P2-P3(WITH J1 AND J2 SHORT) | : 0.3uH MAX @1 MHZ |
| P4-P5(WITH J3 AND J6 SHORT) | : 0.3uH MAX @1 MHZ |



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SCALE N/A	XMULTIPLE	SHEET 2 OF 7

4.0 INTERWINDING: CAPACITANCE: (P2~P3): (J1~J2) : 30pF MAX @ 1MHZ
(P4~P5): (J3~J6) : 30pF MAX @ 1MHZ

5.0 DC RESISTANCE: (J1~J2) : (P4~ P5) : 1.2 OHMS MAX

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

7.0 DIELECTRIC WITHSTAND: (P2~P3): (J1~J2) : 1500VAC
(P4~P5): (J3~J6) : 1500VAC

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

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

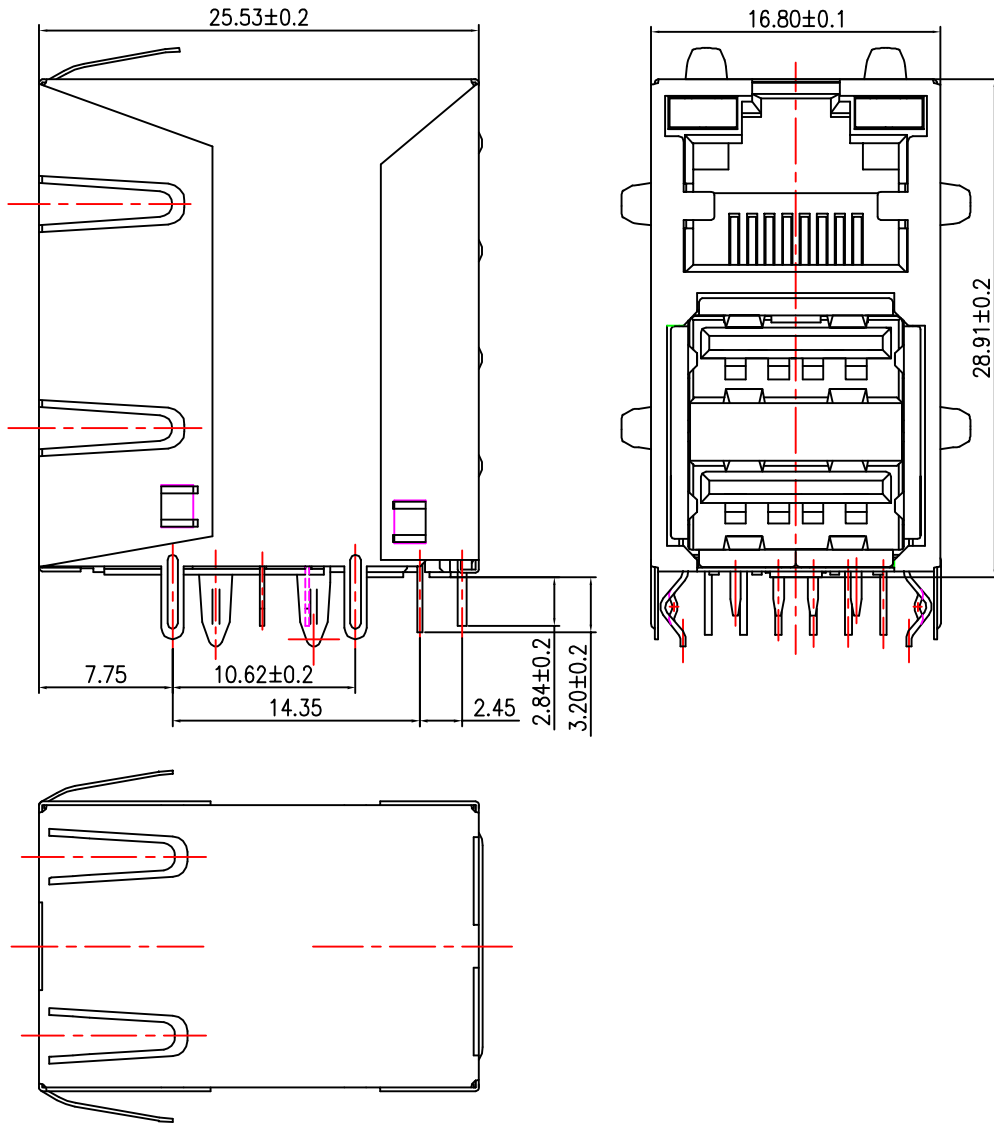
10.0 CROSS TALK: 1MHZ TO 100MHZ 40dB TYP

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



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MECHANIC SPECIFICATIONS:



NOTES:

1. CONNECTOR MATERIALS:

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

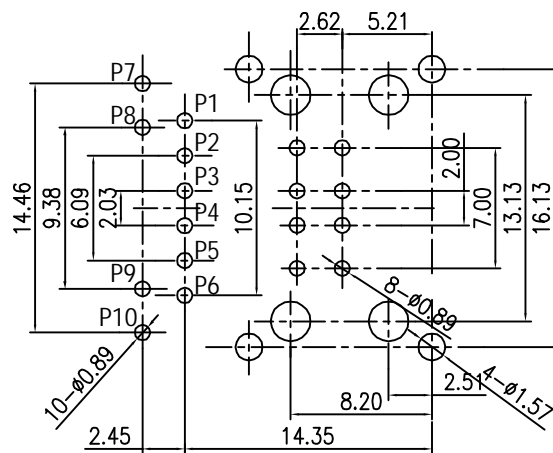
3. TOLERANCES COMPLY WITH F. C. C DIMENSION REQUIREMENTS

4. WAVE SOLDER COMPATIBLE-PREHEAT 125 C DEGREE/90SECS



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MECHANIC SPECIFICATIONS:



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

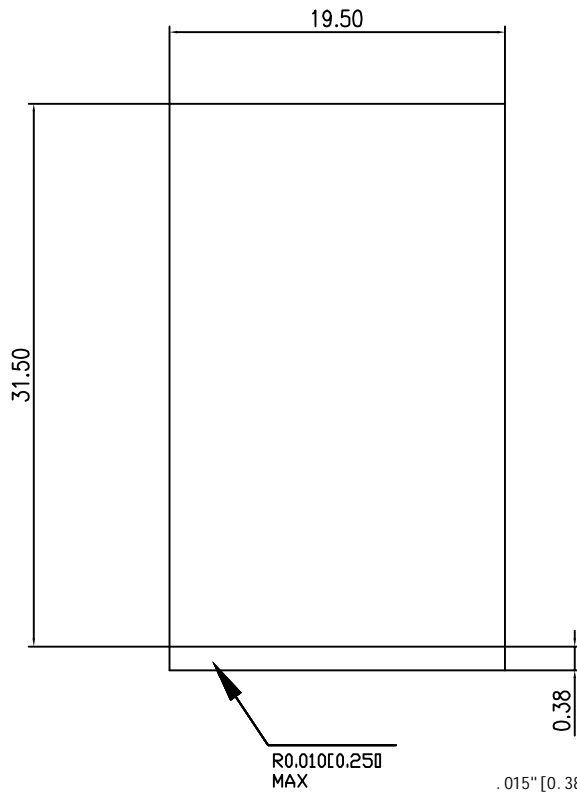
ALL CENTERLINE DIMENSIONS ARE BASIC

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

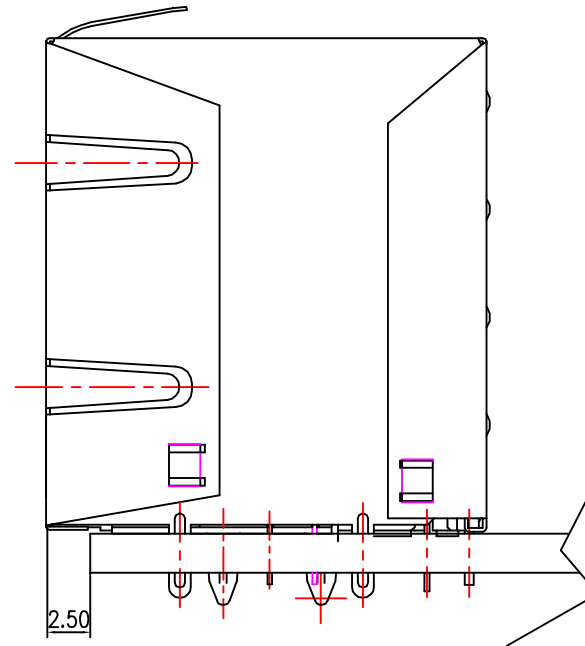


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.015" [0.38] FROM TOP OF PCB TO BOTTOM OF OPENING.

1 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 ± 0.005 INCH (0.13)



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TEST DATA SHEET:



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