

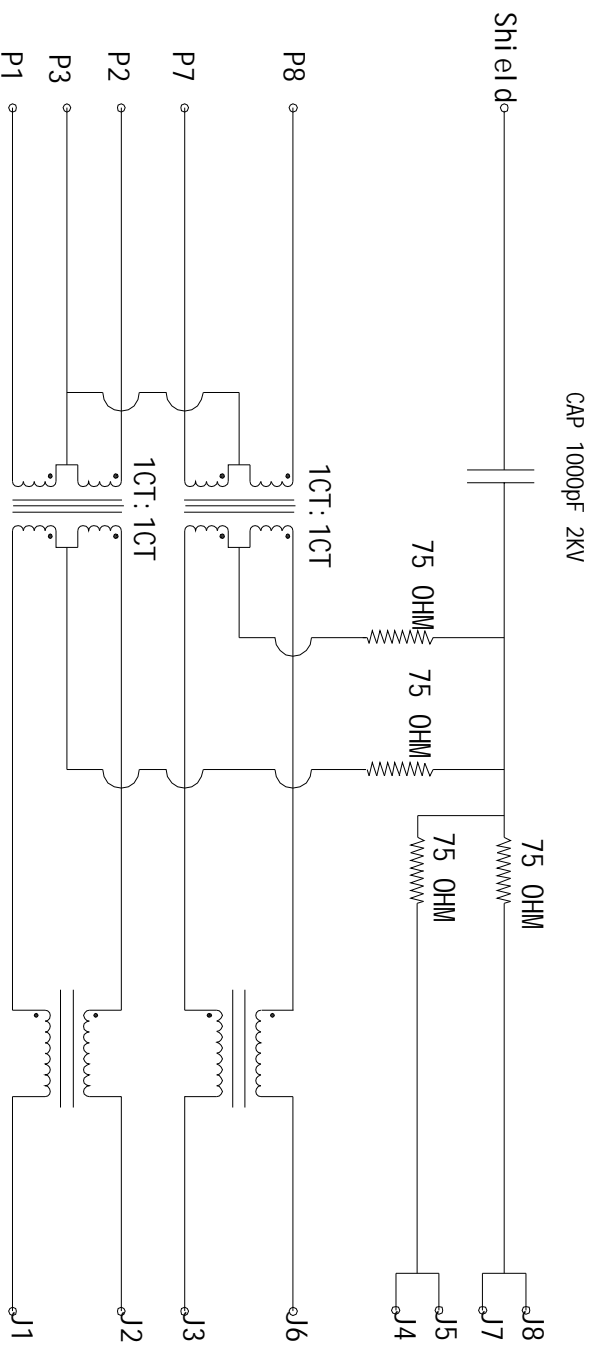
SPECIFICATION FOR APPROVAL

PRODUCT NAME: 59 1*5 ports with transformer, W/O
LED and EMI, 10/100BT, Before 3.68

PRODUCT NO : KW-10002-3

CUSTOMER NO :

REV : _____ DATE : _____



ELECTRICAL SPECIFICATIONS:

1. 0 TURNS RATIO: (P1~P2) : (J1~J2) : 1:1 ±3%
(P7~P8) : (J3~J6) : 1:1 ±3%
2. 0 INDUCTANCE: (P1~P2) : 350uH MIN @ 0.1V, 100KHZ, 8mA DC BIAS
(P7~P8) : 350uH MIN @ 0.1V, 100KHZ, 8mA DC BIAS
3. 0 LEAKAGE INDUCTANCE: P1~P2 (WITH J1 AND J2 SHORT) : 0.3uH MAX @1 MHZ
P7~P8 (WITH J3 AND J6 SHORT) : 0.3uH MAX @1 MHZ

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4. 0 INTERMEDIATE: CAPACITANCE: (P1-P2) : (J1~J2) : 35pF MAX @ 1MHZ
(P7-P8) : (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
(P7-P8) : (J3~J6) : 1500VAC

8. 0 INSERTION LOSS: RS=RL=100OHM : -1. 1dB MIN
100KHZ TO 80MHZ

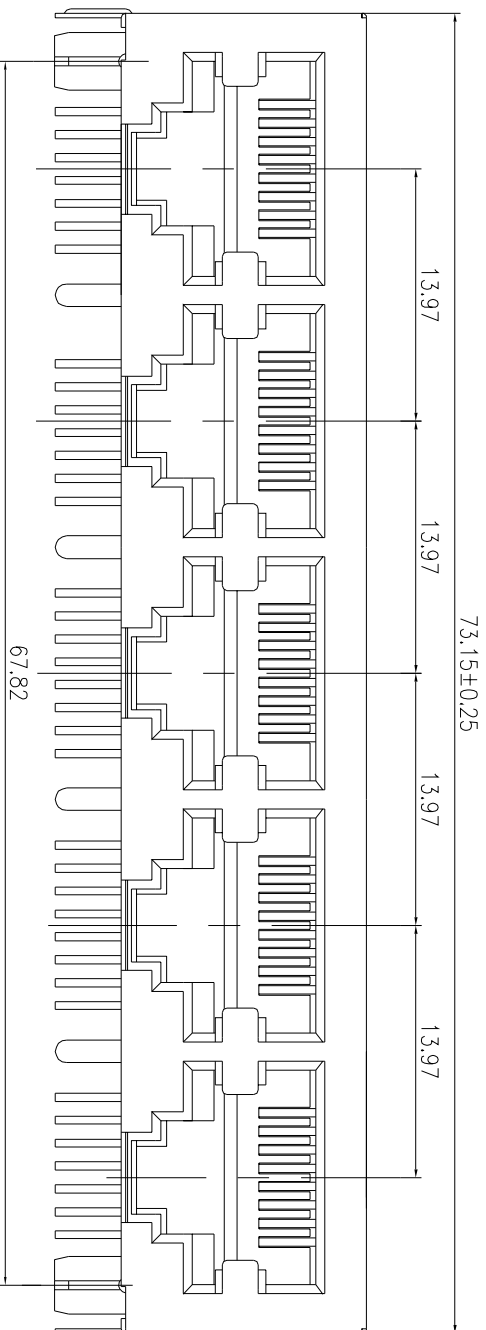
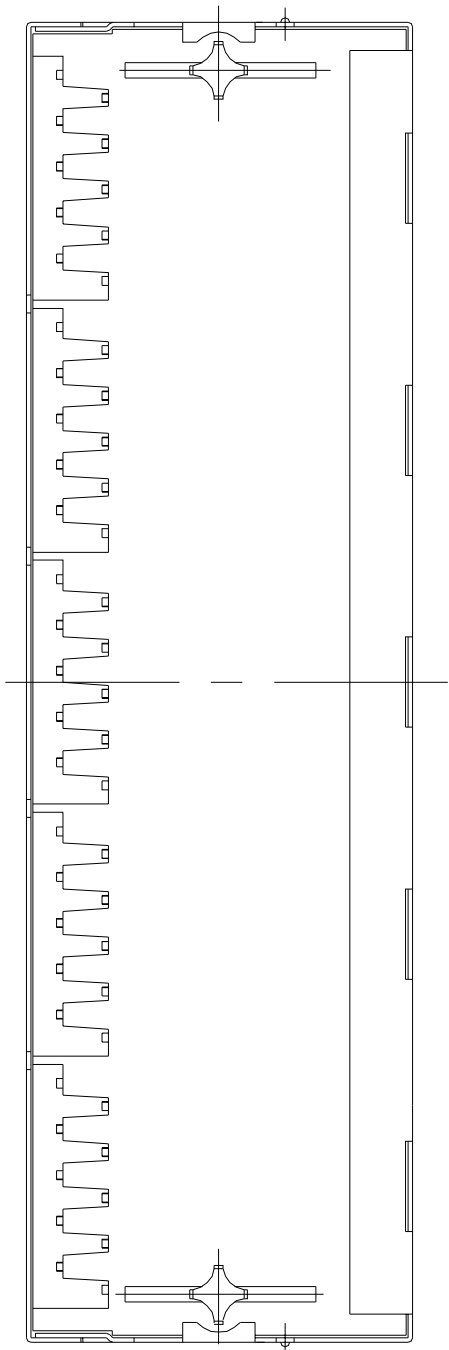
9. 0 RISE TIME: RS=100 OHMS AND RL=1000OHMS : 3. 0NS MAX
OUTPUT VOLTAGE=1V PEAK : 3. 0NS MAX
PULSE WIDTH= 112NS

10. 0 CROSS TALK: 1MHZ TO 100MHZ 40dB TYP

11. 0 COMMON TO COMMON MODE ATTENUATION: 30MHZ TO 100MHZ : 35dB TYP

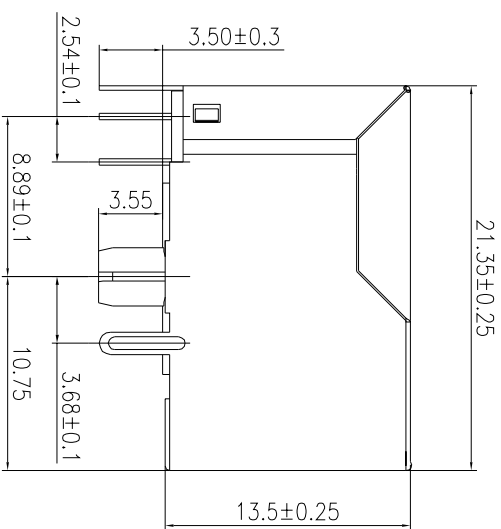
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MECHANIC SPECIFICATIONS:



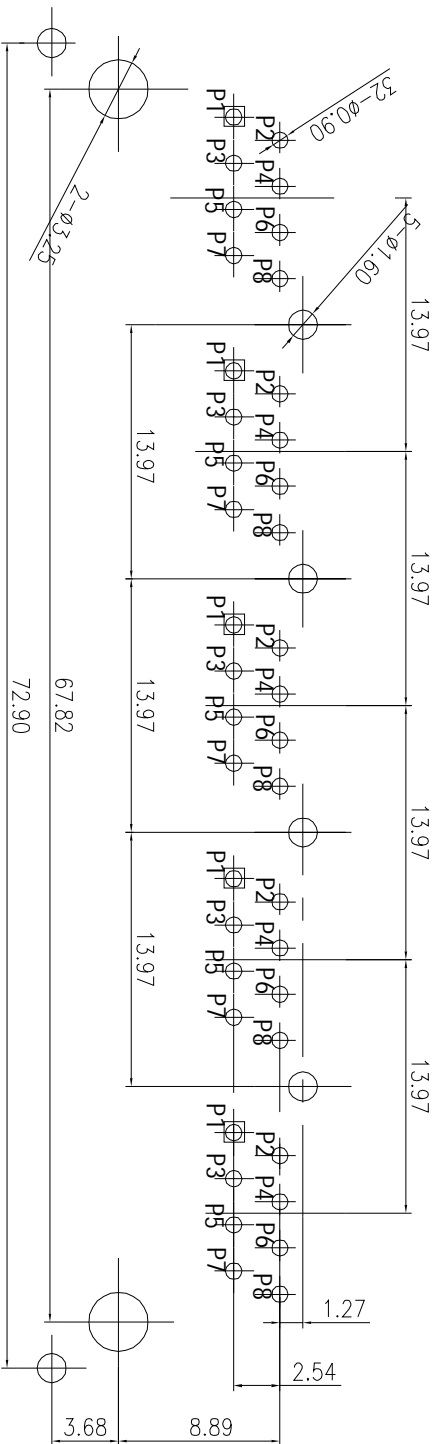
NOTES:

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
- 1 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
5. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±0.1mm.



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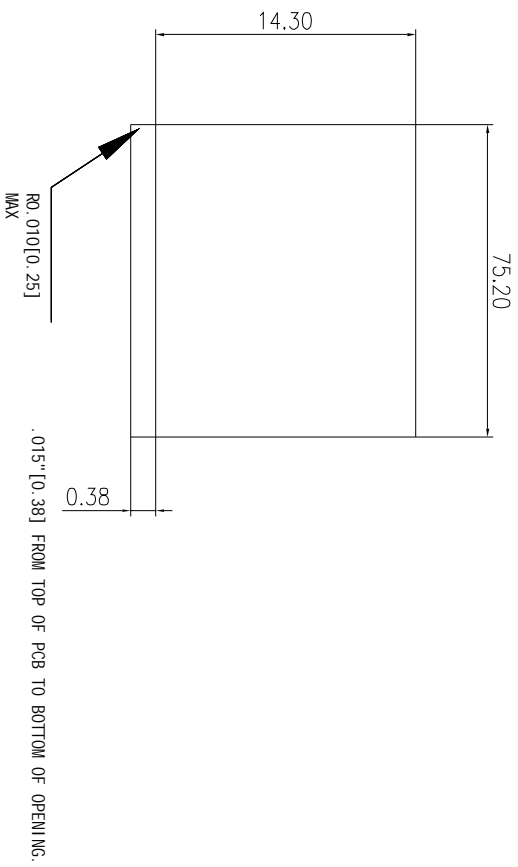
MECHANIC SPECIFICATIONS:



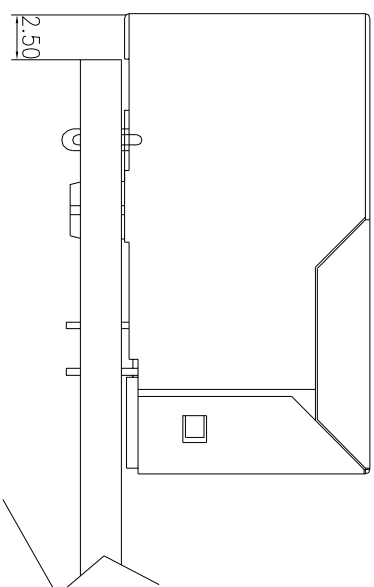
P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.

ALL CENTERLINE DIMENSIONS ARE BASIC

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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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