

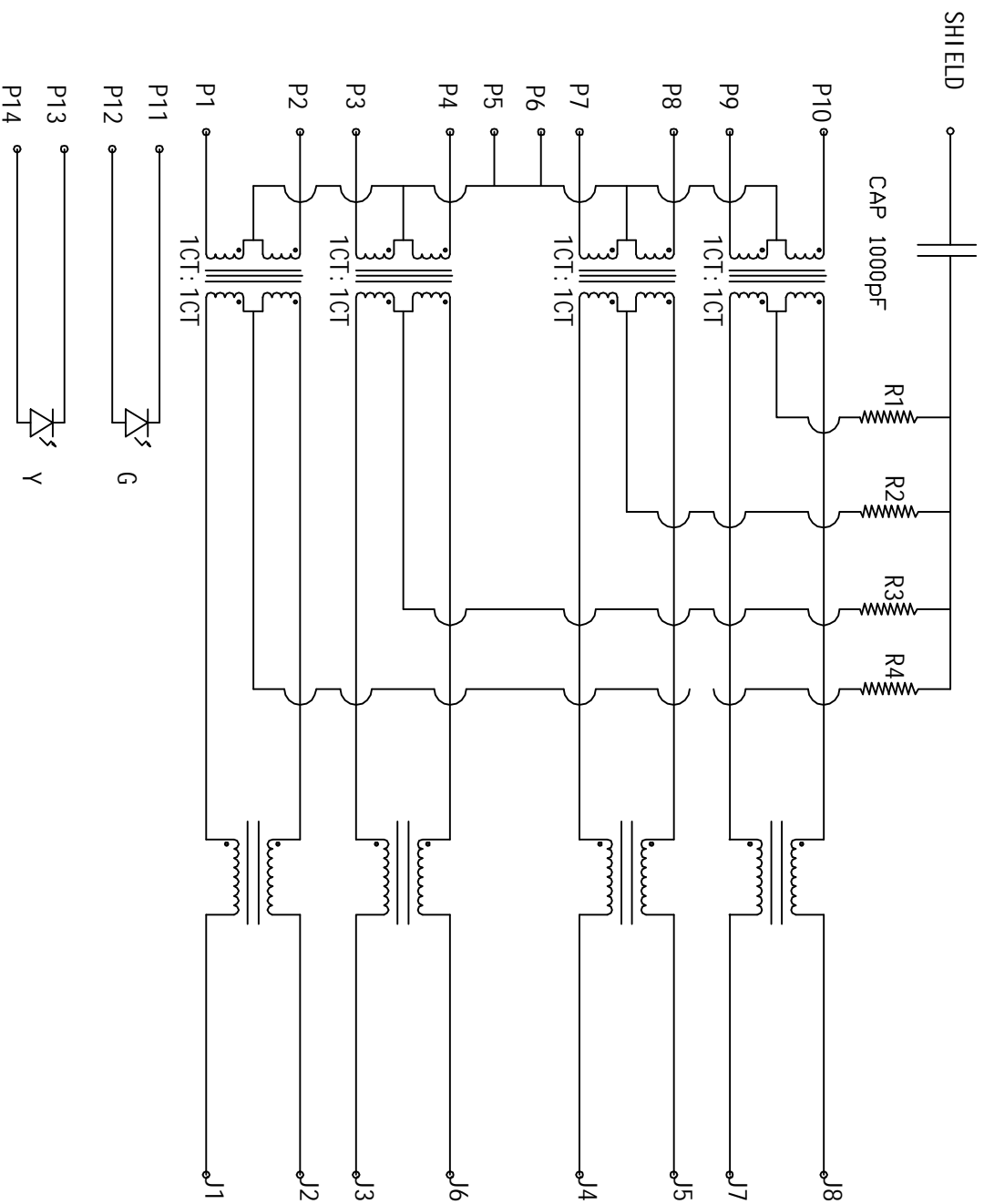
SPECIFICATION FOR APPROVAL

PRODUCT NAME: 59 1*1port with transformer, LED and EMI, 1000BT, After 3.05

PRODUCT NO : KW-10009-13

CUSTOMER NO :

REV : _____
DATE : _____



ELECTRICAL SPECIFICATIONS:

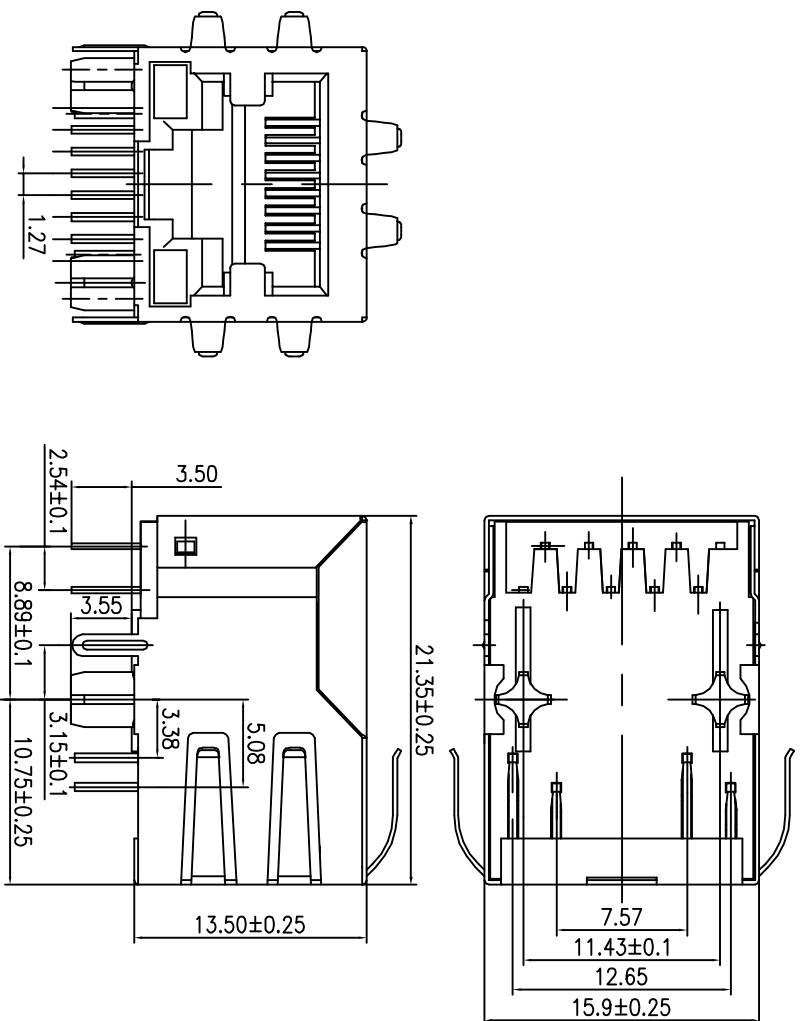
- 1.0 TURN RATIO: (P1-P2): (J1-J2) : 1:1 ±3%
(P3-P4): (J3-J6) : 1:1 ±3%
(P7-P8): (J4-J5) : 1:1 ±3%
(P9-P10): (J7-J8) : 1:1 ±3%

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SCALE		SHEET
N/A		2 OF 7

2. 0 INDUCTANCE: (P1-P2) 350uH MIN @0. 1V, 100KHZ, 8mA DC BIAS
(P3-P4) 350uH MIN @0. 1V, 100KHZ, 8mA DC BIAS
(P7-P8) 350uH MIN @0. 1V, 100KHZ, 8mA DC BIAS
(P9-P10) 350uH MIN @0. 1V, 100KHZ, 8mA DC BIAS
3. 0 LEAKAGE INDUCTANCE: P1~P2(WITH J1 AND J2 SHORT) : 0. 3uH MAX @1MHZ
P3~P4(WITH J3 AND J6 SHORT) : 0. 3uH MAX @1MHZ
P7~P8(WITH J4 AND J5 SHORT) : 0. 3uH MAX @1MHZ
P9~P10(WITH J7 AND J8 SHORT) : 0. 3uH MAX @1MHZ
4. 0 INTERWINDING CAPACITANCE: (P1~P2) : (J1~J2) : 35pF MAX @ 1MHZ
(P3~P4) : (J3~J6) : 35pF MAX @ 1MHZ
(P7~P8) : (J4~J5) : 35pF MAX @ 1MHZ
(P9~P10) : (J7~J8) : 35pF MAX @ 1MHZ
5. 0 DC RESISTANCE: (J1~J2) : (J3~J6) : (J4~J5) : (J7~J8) : 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~P4) : (J3~J6) : 1500VAC
(P7~P8) : (J4~J5) : 1500VAC
(P9~P10) : (J7~J8) : 1500VAC
8. 0 INSERTION LOSS: RS=RL=1000HM 100KHZ TO 80MHZ : -1. 1dB MIN
9. 0 RISE TIME : RS=1000HMSAND RL=1000HMS : 30ns MAX
OUTPUT VOLTAGE=1V PEAK : 30ns 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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N/A		3 OF 7

MECHANIC SPECIFICATIONS:

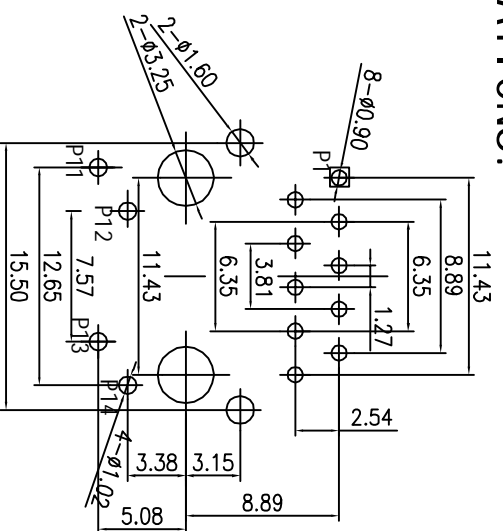


- NOTES:
- CONNECTOR MATERIAL:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SHIELD: COOPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,
 - 50 MICRO-INCHS MIN
 - 30 MICRO-INCHS MIN
 - 15 MICRO-INCHS MIN
 - 6 MICRO-INCHS MIN
 - 3 MICRO-INCHS MIN
- IN CONTACT AREA

- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS
- TOLERANCES COMPLY WITH F. C. C DIMENSION REQUIREMENTS
- WAVE SOLDER COMPATIBLE-PREHEAT 125 C DEGREE/90SECS
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ± 0.1 mm.

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MECHANIC SPECIFICATIONS:



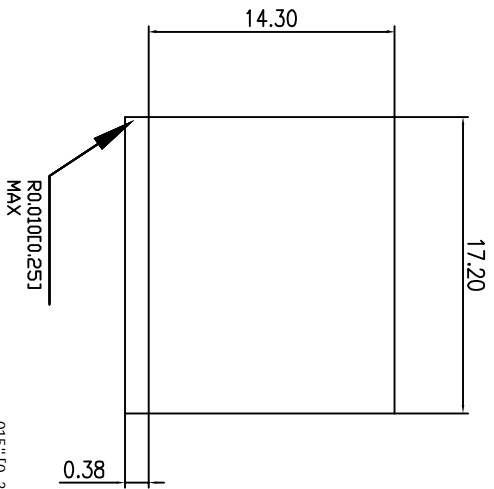
P. C. B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.

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

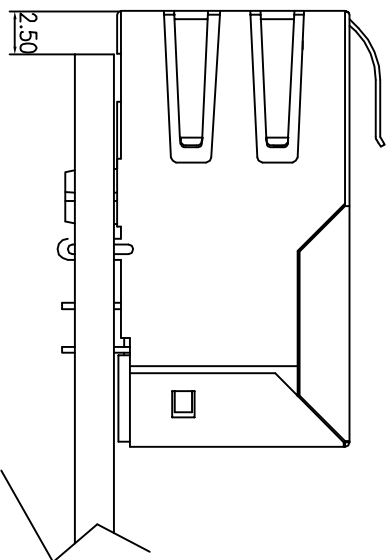
*WITH A FORWARD CURRENT OF 20mA

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N/A		5 OF 7



.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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