

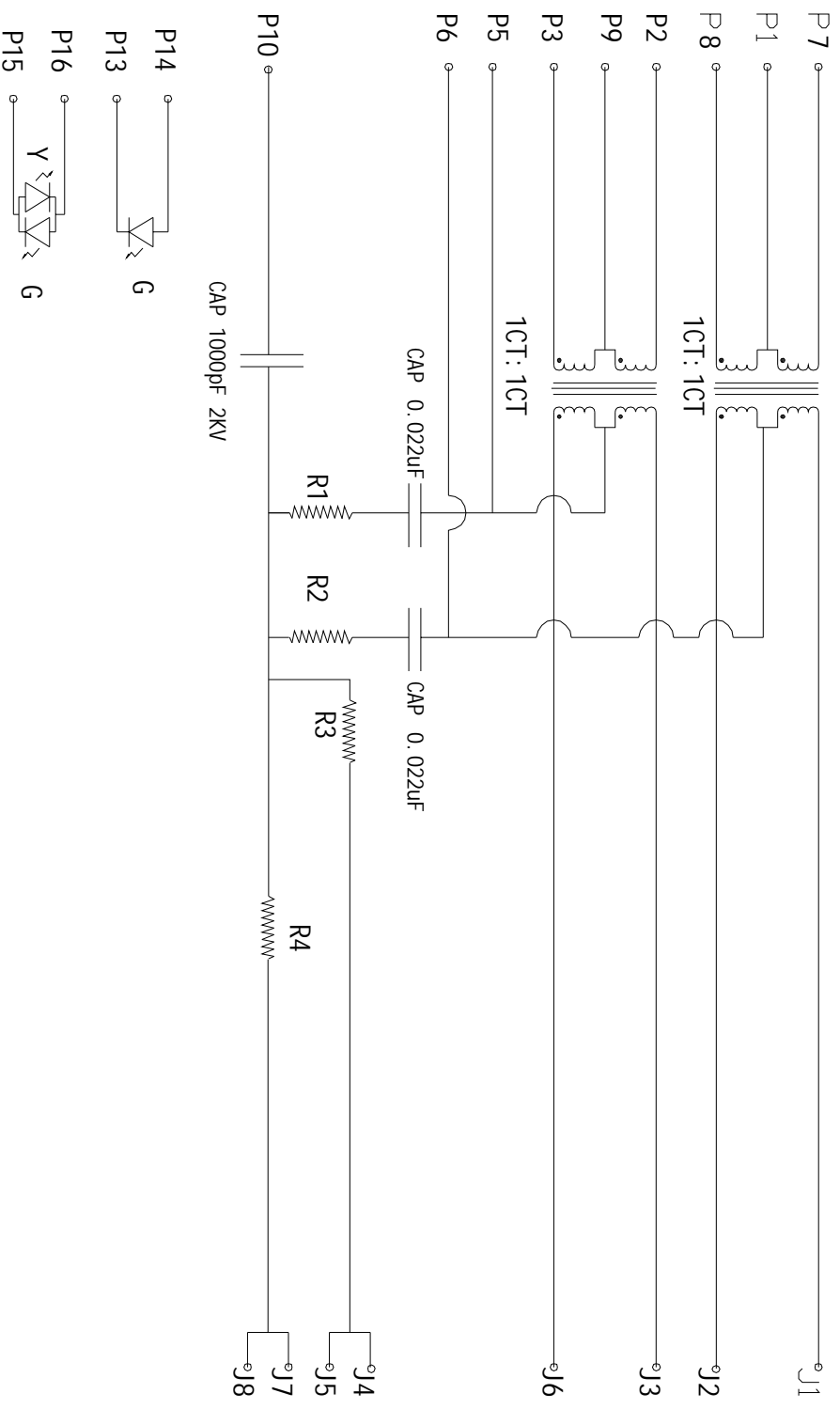
SPECIFICATION FOR APPROVAL

PRODUCT NAME: 59 1*1port with transformer and
EMI , ESD, W/O LED, 10/100BT, Before 3.18

PRODUCT NO : KW-60001

CUSTOMER NO :

REV : _____ DATE : _____



ELECTRICAL SPECIFICATIONS:

1.0 TURNS RATIO: (P7-P8) : (J1-J2)
(P2-P3) : (J3-J6)

: 1:1 ± 3%
: 1:1 ± 3%

SIZE	DRAWING NO.	REV
A	KW-60001	
SCALE N/A		SHEET 2 OF 7

2. 0 INDUCTANCE: (P7~P8)
(P2~P3)

350uH MIN @ 0. 1V, 100KHZ, 8mA DC BIAS
350uH MIN @ 0. 1V, 100KHZ, 8mA DC BIAS

3. 0 LEAKAGE INDUCTANCE: P7~P8(WITH J1 AND J2 SHORT)
P2~P3(WITH J3 AND J6 SHORT)

: 0. 3uH MAX @1 MHZ
: 0. 3uH MAX @1 MHZ

4. 0 INTERWINDIND: CAPACITANCE: (P7~P8): (J1~J2)
(P2~P3): (J3~J6)

: 30pF MAX @ 1MHZ
: 30pF MAX @ 1MHZ

5. 0 DC RESISTANCE: (J1~J2): (J3~J6):

: 1. 2 OHMS MAX

6. 0 RETURN LOSS: 1MHZ TO 30MHZ
30MHZ TO 80MHZ

: -18dB MIN
: -12dB MIN

7. 0 DIELECTRIC WITHSTAND: (P7~P8): (J1~J2)
(P3~P4): (J3~J6)

: 1500VAC
: 1500VAC

8. 0 INSERTION LOSS: RS=RL=1000HM
100KHZ TO 80MHZ

: -1. 1dB MIN

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

: 3. 0ns MAX
: 3. 0ns MAX

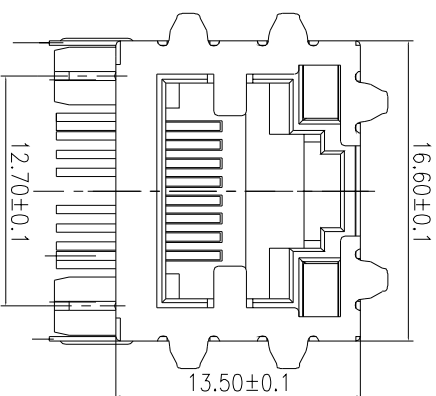
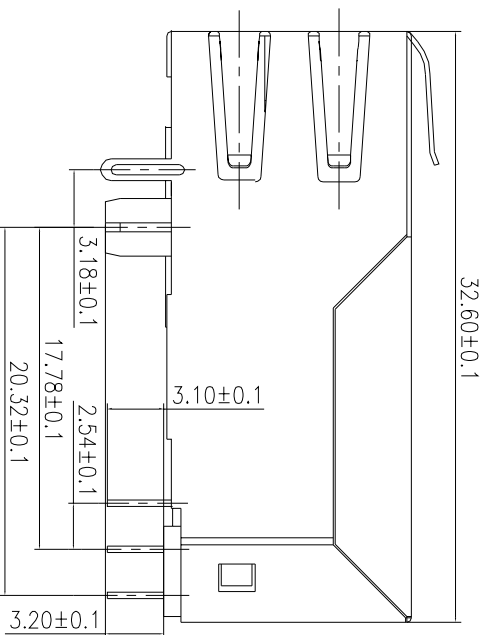
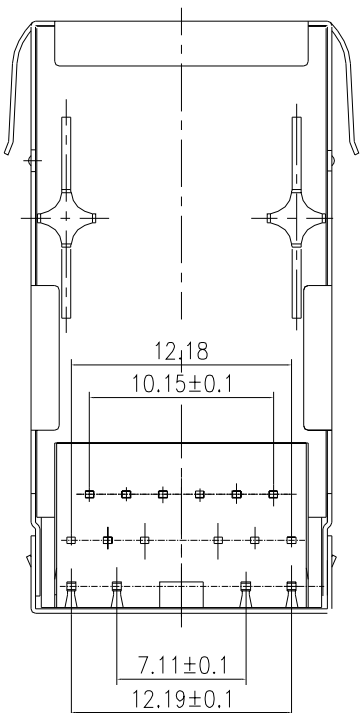
10. 0 CROSS TALK: 1MHZ TO 100MHZ

40dB TYP

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

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MECHANIC SPECIFICATIONS:

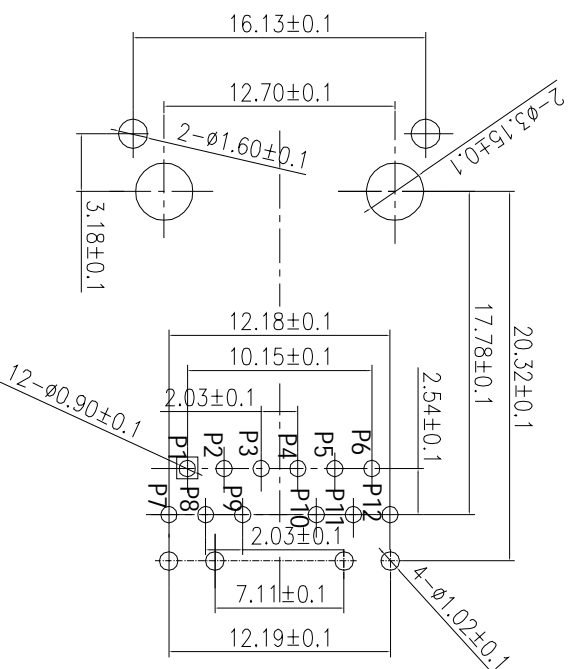


NOTES:

1. CONNECTOR MATERIAL:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SOLDER: COOPER ALLOY
SOLDER 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
5. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±0.1mm.

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N/A		4 OF 7

MECHANIC SPECIFICATIONS:



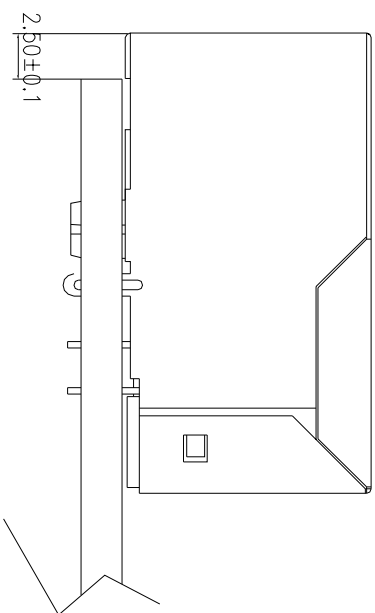
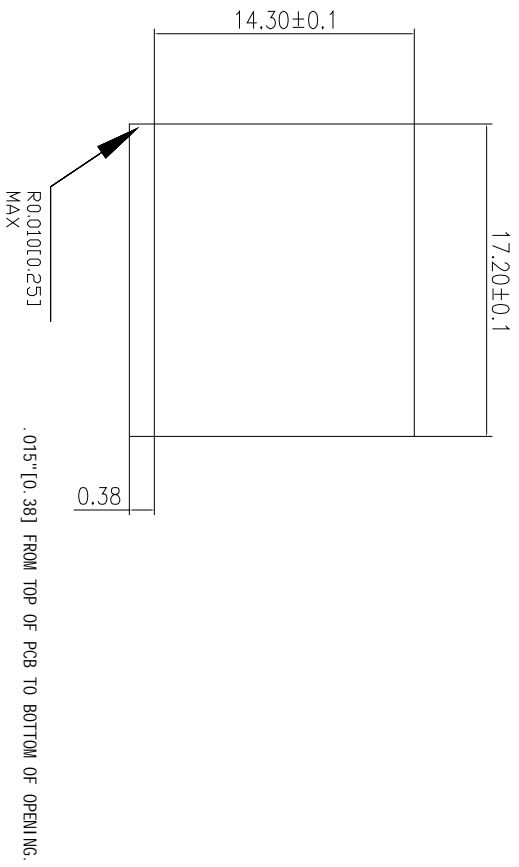
P. C. B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.

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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SCALE N/A		SHEET 5 OF 7



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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N/A		6 OF 7