

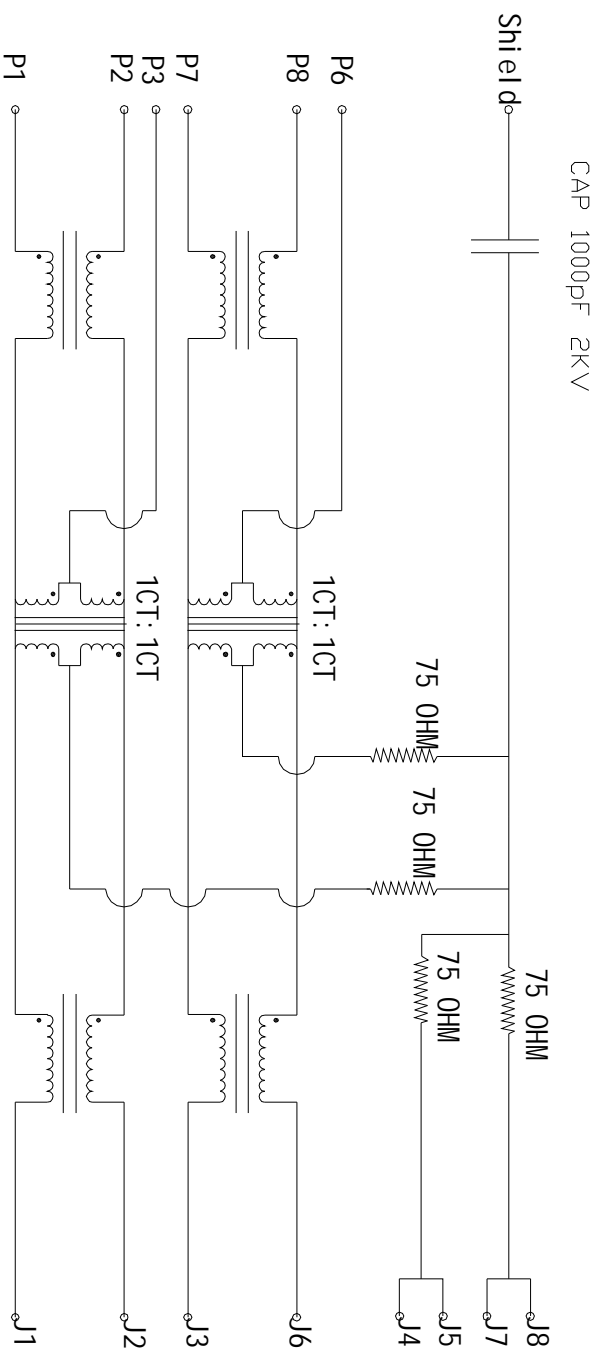
SPECIFICATION FOR APPROVAL

PRODUCT NAME: 59 1*1port Tab-up with transformer , W/O LED
and EMI, 10/100BT, Afer 3.05

PRODUCT NO : KW-50064

CUSTOMER NO :

REV : _____ DATE : _____



ELECTRICAL SPECIFICATIONS:

1.0 TURN RATIO: (P1-P2) : (J1-J2)
 (P7-P8) : (J3-J6)

: 1:1 ± 3%
 : 1:1 ± 3%

SIZE	DRAWING NO.	REV
A	KW-50064	01
SCALE		SHEET
N/A		2 OF 7

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 @1MHZ
P7-P8(WITH J3 AND J6 SHORT) : 0.3uH MAX @1MHZ

4.0 INTERWINDING 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 100KHZ TO 80MHZ : -1.1dB MIN

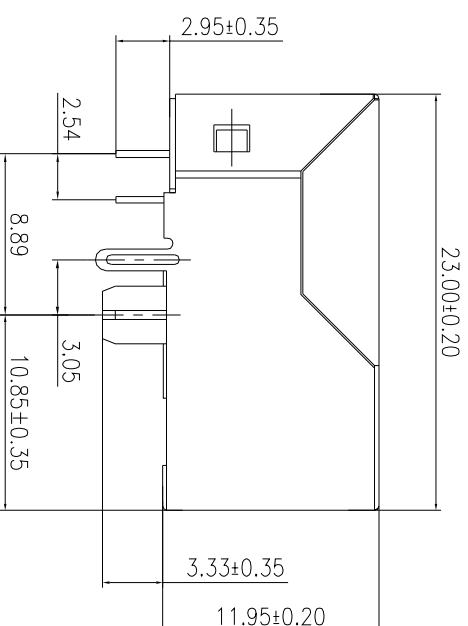
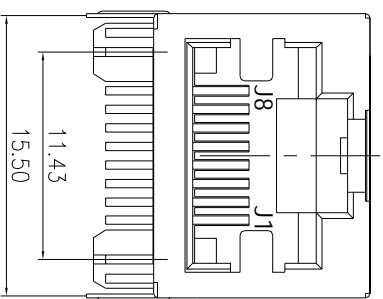
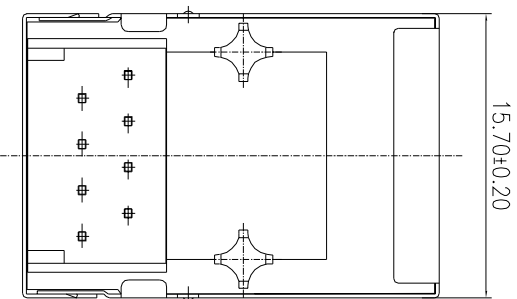
9.0 RISE TIME : RS=100OHMSAND RL=1000HMS : 3.0nS MAX
OUTPUT VOLTAGE=1V PEAK : 3.0nS MAX
PULSE WIDTH=112NS

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:

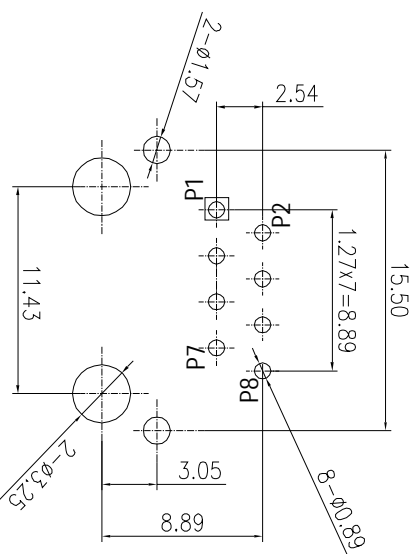
1. CONNECTOR MATERIAL:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,

50 MICRO-INCHS MIN	<input type="checkbox"/>
30 MICRO-INCHS MIN	<input type="checkbox"/>
15 MICRO-INCHS MIN	<input type="checkbox"/>
6 MICRO-INCHS MIN	<input type="checkbox"/>
3 MICRO-INCHS MIN	<input type="checkbox"/>
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.

IN CONTACT AREA

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N/A		4 OF 7

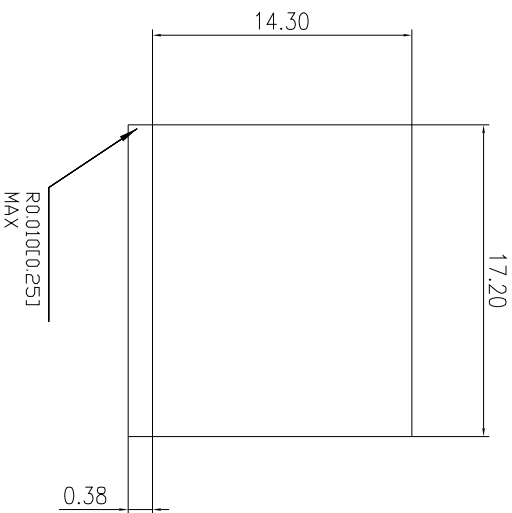
MECHANIC SPECIFICATIONS:



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

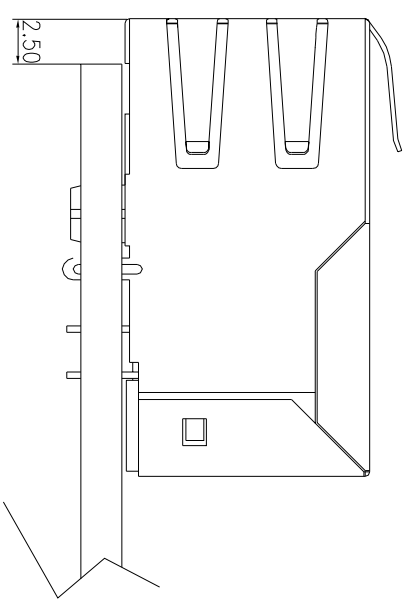
ALL CENTERLINE DIMENSIONS ARE BASIC

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N/A		5 OF 7



.015" [0.38] 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 ± 0.005 INCH (0.13)

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N/A		6 OF 7