

# SPECIFICATION FOR APPROVAL

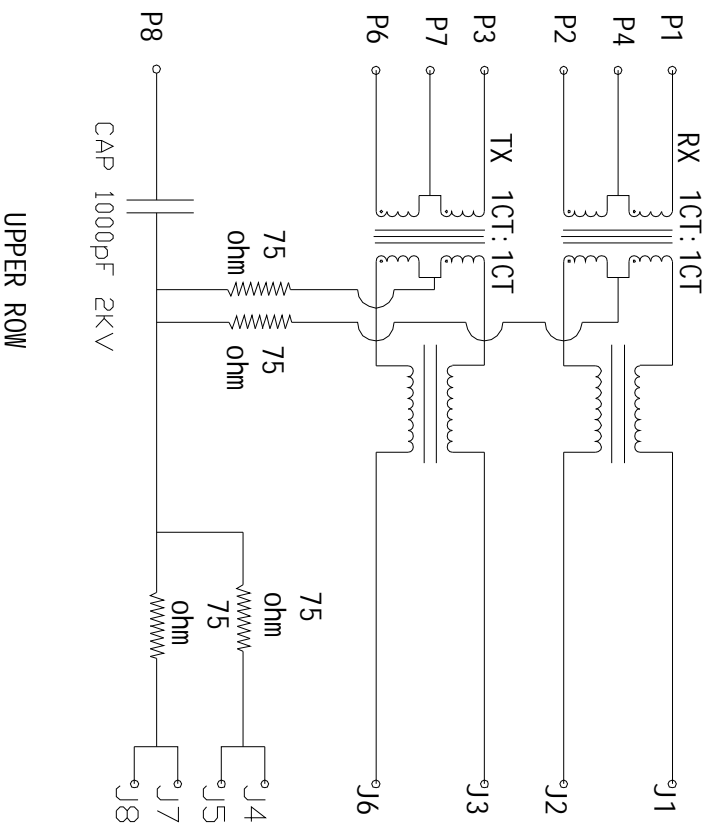
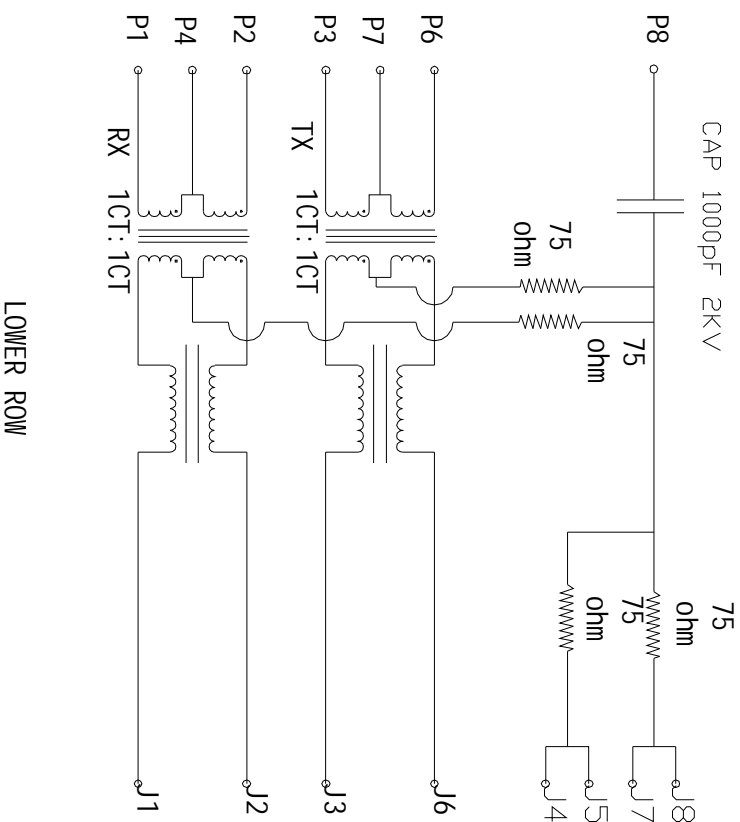
PRODUCT NAME: 59 2\*4 ports with transformer and EMI ,W/O LED  
, 10/100BT \_\_\_\_\_

PRODUCT NO : KW-30005  
\_\_\_\_\_

CUSTOMER NO : \_\_\_\_\_

REV : \_\_\_\_\_

DATE : \_\_\_\_\_

# ELECTRICAL SPECIFICATIONS:

- 1.0 TURN RATIO: (P1~P2) : (J1~J2) : 1 : 1 ± 3%
- (P3~P6) : (J3~J6) : 1 : 1 ± 3%

SIZE	DRAWING NO.	REV
A	KW-30005	01
SCALE		SHEET
N/A		2 OF 7

2. 0 INDUCTANCE: (P1~P2) 350UH MIN @0. 1V, 100KHZ, 8mA DC BIAS  
(P3~P6) 350UH MIN @0. 1V, 100KHZ, 8mA DC BIAS

3. 0 LEAKAGE INDUCTANCE: P1~P2(WITH J1 AND J2 SHORT) : 0. 3UH MAX @1MHZ  
P3~P6(WITH J3 AND J6 SHORT) : 0. 3UH MAX @1MHZ

4. 0 INTERWINDING CAPACITANCE: (P1~P2) : (J1~J2) : 35pF MAX @ 1MHZ  
(P3~P6) : (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  
(P3~P6) : (J3~J6) : 1500VAC

8. 0 INSERTION LOSS: RS=RL=1000HM 100KHZ TO 80MHZ : -1. 1dB MIN

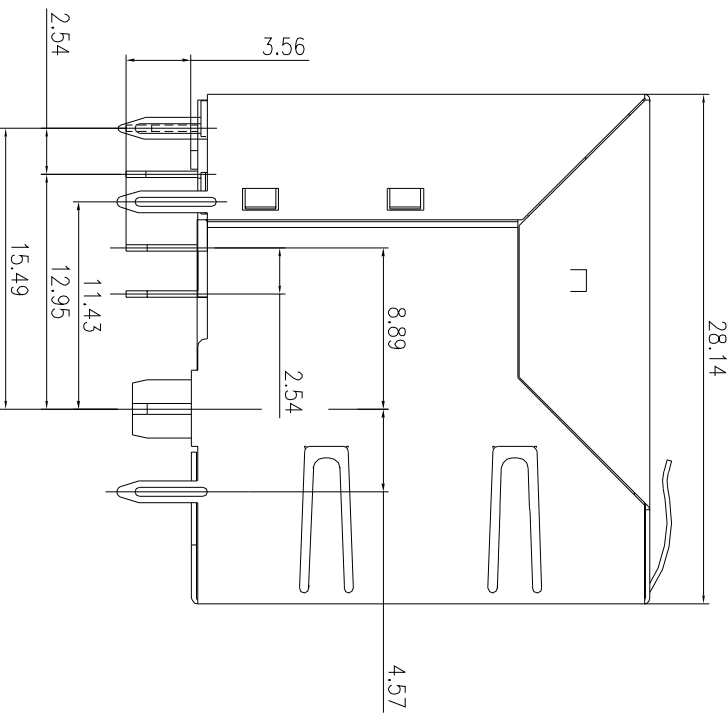
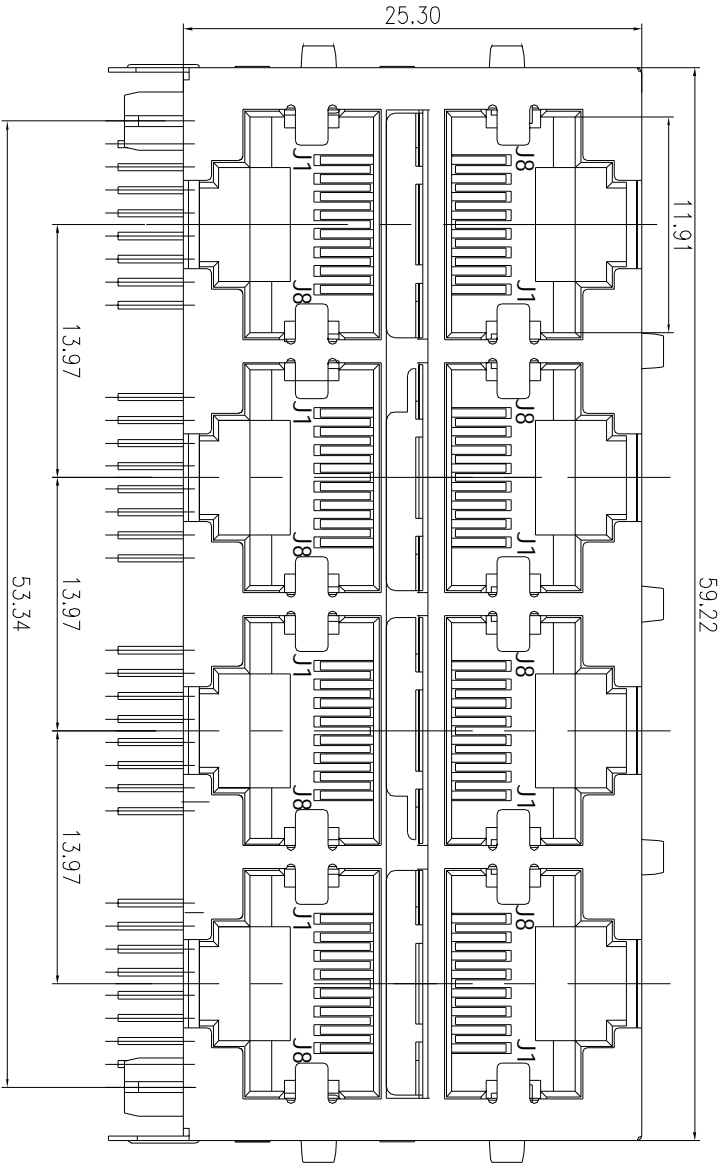
9. 0 RISE TIME : RS=1000HMSAND RL=1000HMS : 3. 0NS MAX  
OUTPUT VOLTAGE=1V PEAK  
PULSE WIDTH=112nS : 3. 0NS MAX

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

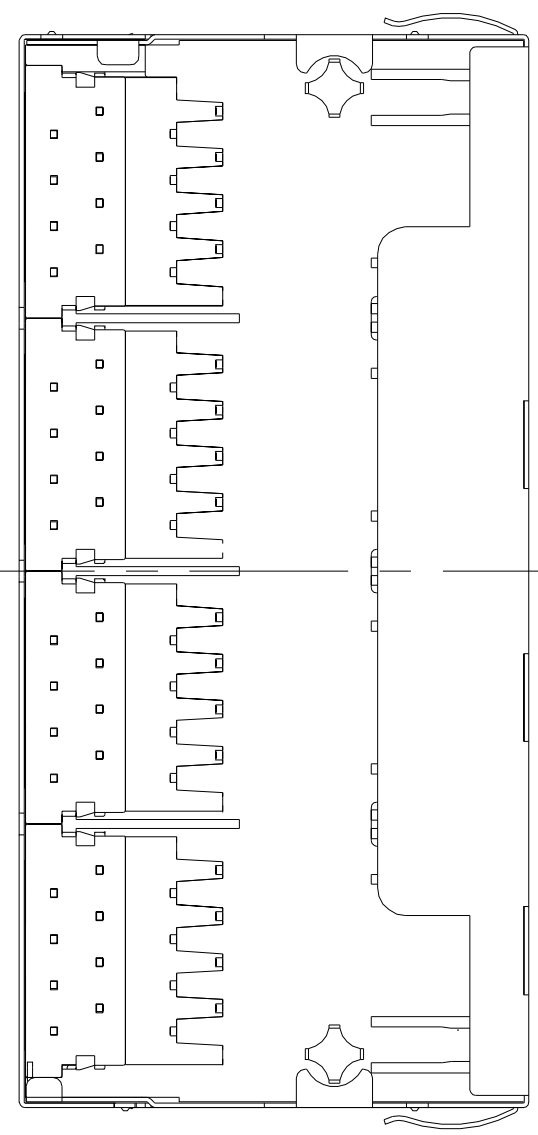
11. 0 COMMON TO COMMON MODE ATTENUATION: 30MHZ TO 100MHZ : 35dB TYP

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A	KW-30005	01
SCALE N/A		SHEET 3 OF 7

# MECHANIC SPECIFICATIONS:

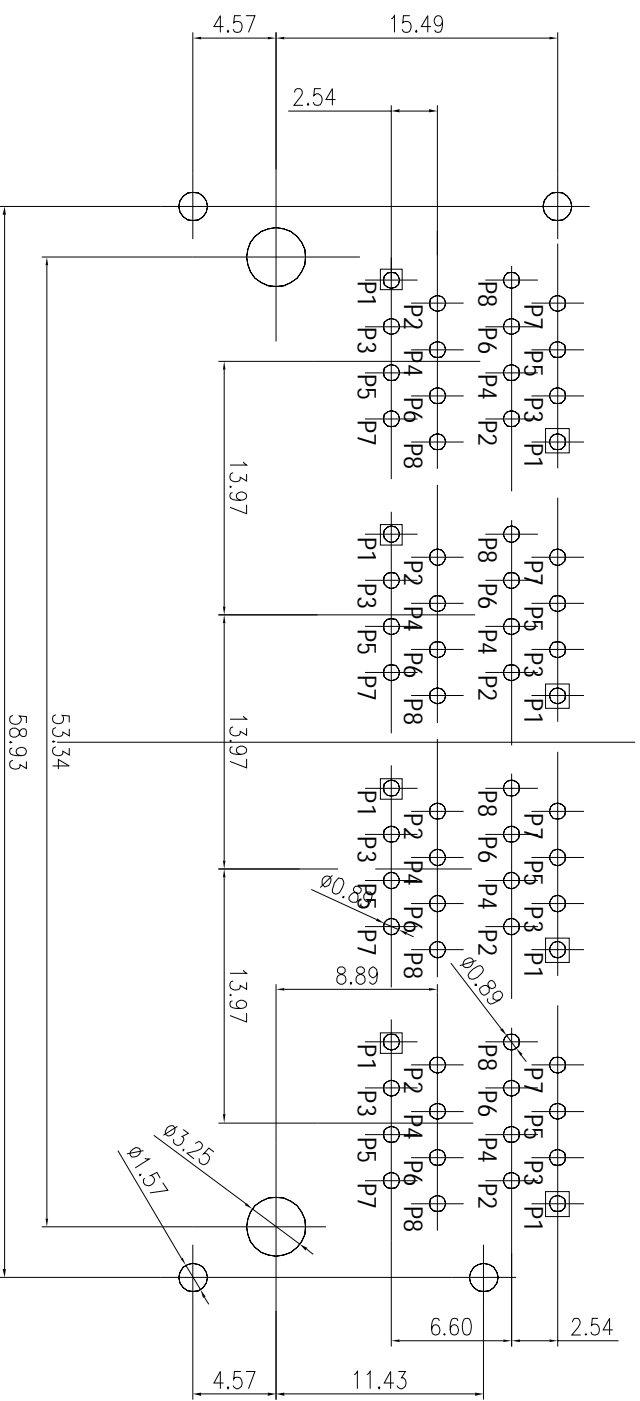


J8



SIZE	A	DRAWING NO.	KW-30005	REV	01
SCALE	N/A			SHEET	4 OF 7

# MECHANIC SPECIFICATIONS:



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

ALL CENTERLINE DIMENSIONS ARE BASIC

**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
- IN CONTACT AREA



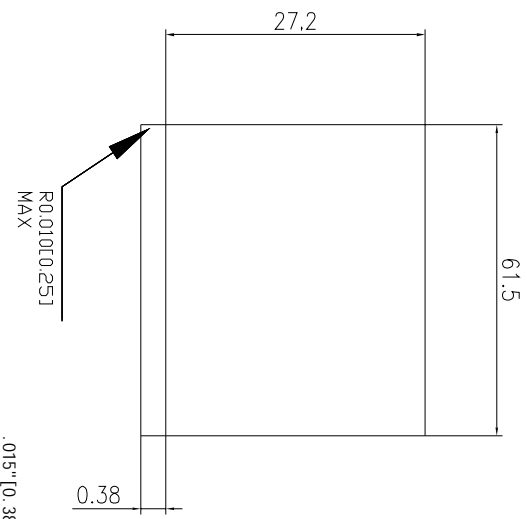
2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS

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

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

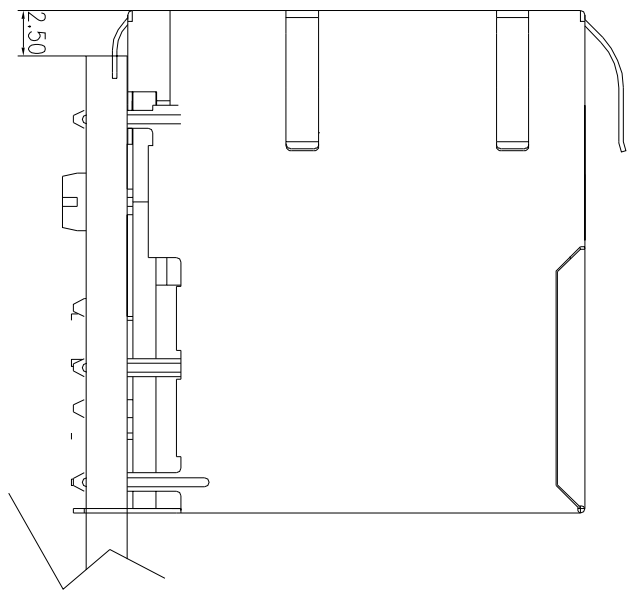
5. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE  $\pm 0.3mm$ .

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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  $\pm 0.005$  INCH (0.13)

SIZE	DRAWING NO.	REV
A	KW-30005	01
SCALE		SHEET
N/A		6 OF 7