

# SPECIFICATION FOR APPROVAL

PRODUCT NAME: 52 1\*1 Port vertical with transformer and  
LED, W/O EMI, 10/100BT, After 3.89

PRODUCT NO : KW-20002

CUSTOMER NO :

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




- 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=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

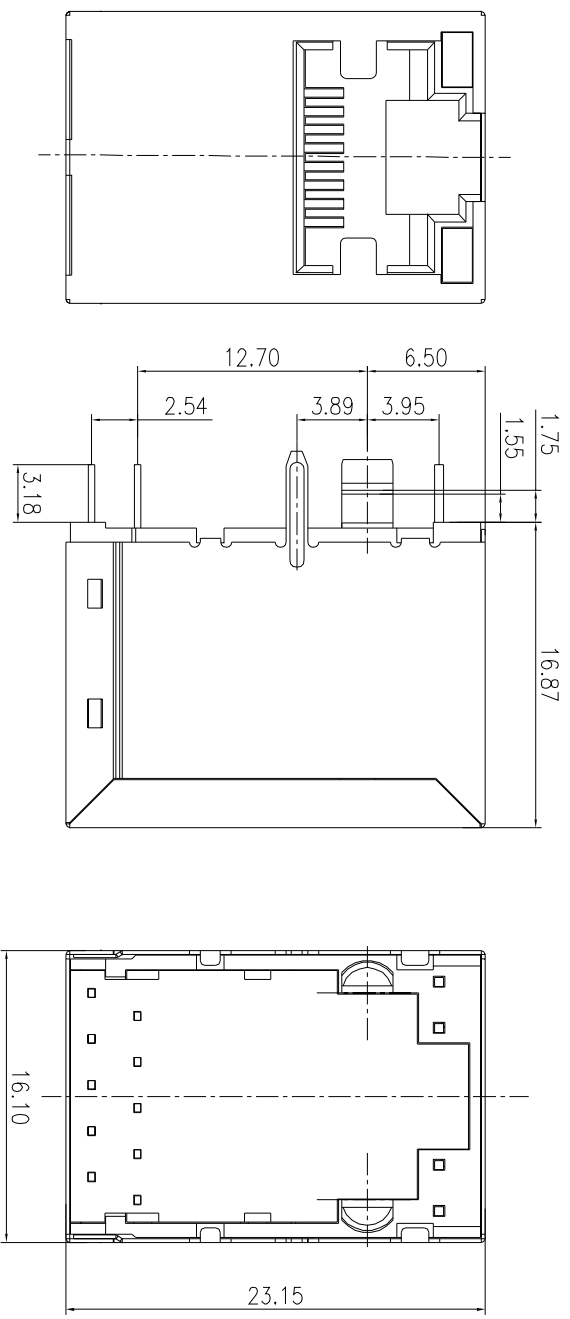
SIZE	DRAWING NO.	REV
A	KW-20002	01
SCALE		SHEET
N/A		3 OF 7

# MECHANIC SPECIFICATIONS:

NOTES:

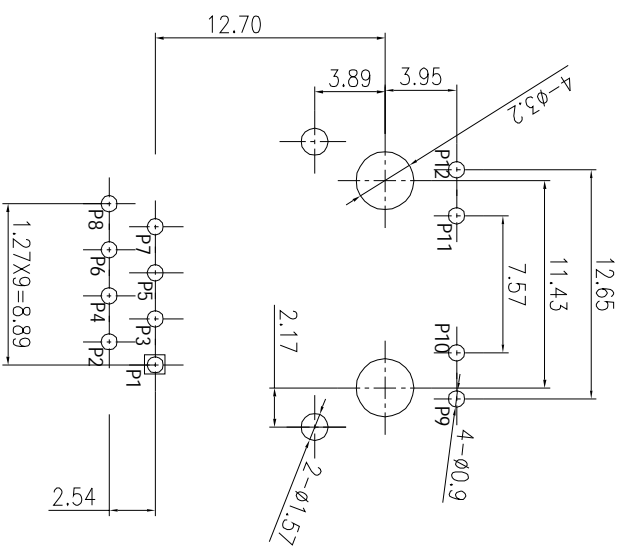
- 1. CONNECTOR MATERIAL:  
HOUSING: THERMOPLASTIC UL94 V-0  
CONTACT/SHIELD: COOPER ALLOY  
SHIELD PLATING: NICKEL OR TIN
- CONTACT PLATING: SELECTIVE GOLD,
  - 50 MICRO-INCHS MIN
  - 30 MICRO-INCHS MIN
  - 15 MICRO-INCHS MIN
  - 6 MICRO-INCHS MIN
  - 3 MICRO-INCHS MIN
- 1 IN CONTACT AREA

- 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  $\pm 0.1$ mm.



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A	<b>KW-20002</b>	<b>01</b>
SCALE		SHEET
N/A		4 OF 7

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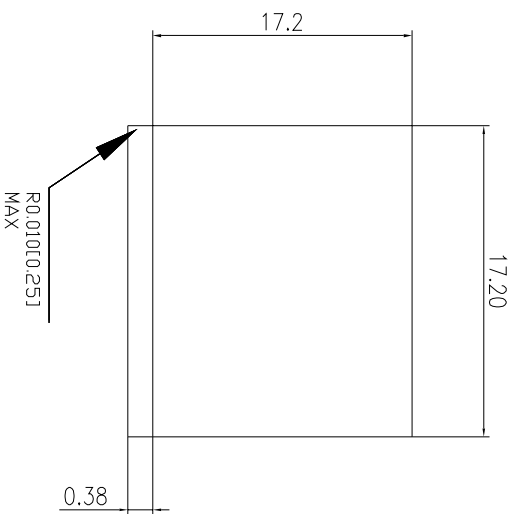
P. C. B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.

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

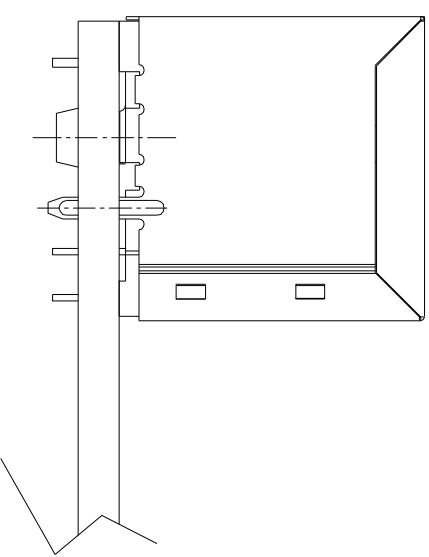
\*WITH A FORWARD CURRENT OF 20mA

SIZE	DRAWING NO.	REV
A	<b>KW-20002</b>	<b>01</b>
SCALE N/A		SHEET 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)

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A	<b>KW-20002</b>	<b>01</b>
SCALE		SHEET
N/A		6 OF 7