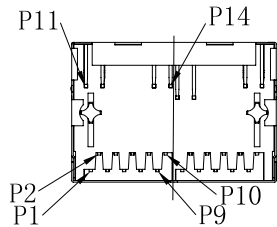
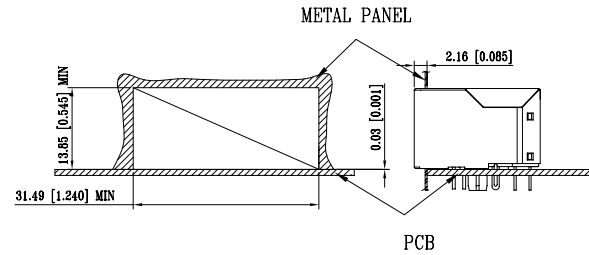
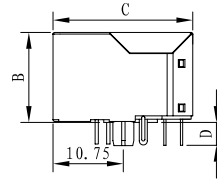
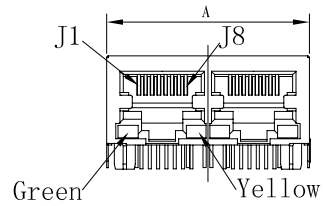


THE PART MEETS TECONN "GP001" COMPLIANCE NEW REV.



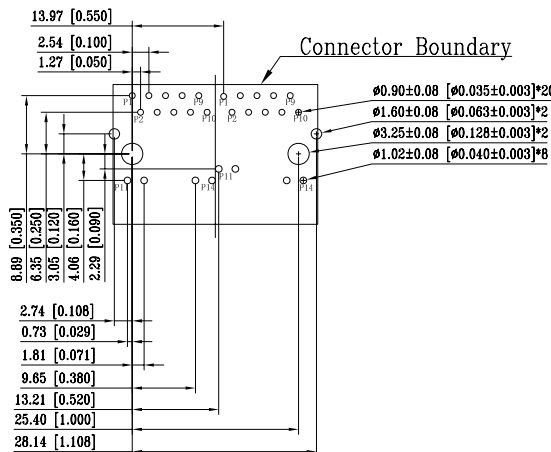
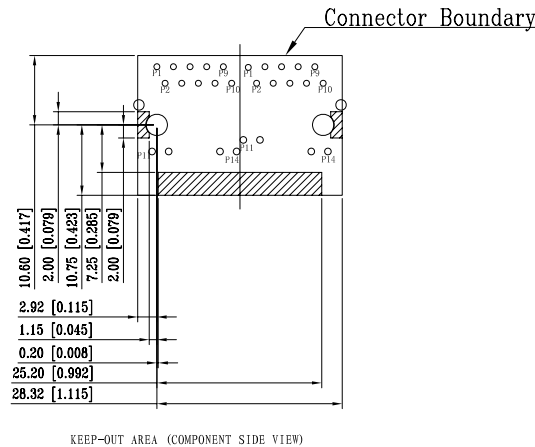
UNIT : mm / inch
A = 31.24 / 1.230
B = 13.63 / 0.537
C = 21.35 / 0.841
D = 3.50 / 0.138

Unless otherwise specified,all dimensions tolerances
is ± 0.254 / 0.010.

Notes:

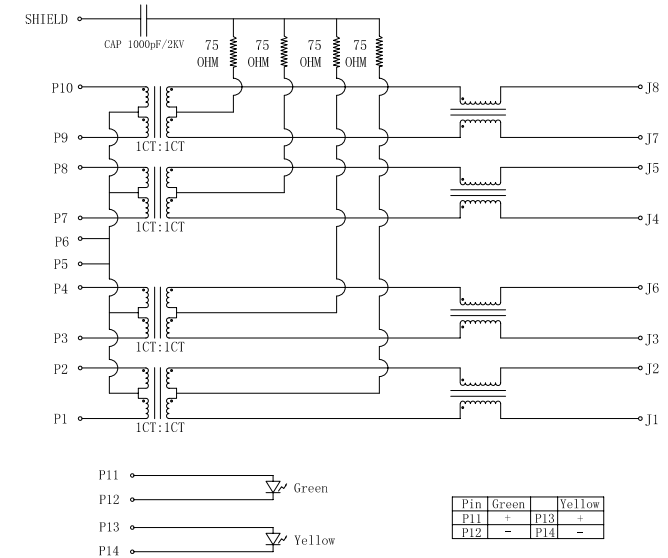
- CONNECTOR MATERIAL:
HOUSING:THERMOPLASTIC BLACK UL94 V-0
SHIELD:Brass
SHIELD PLATING:NICKEL
CONTACT:PHOSPHOR BRONZE
CONTACT PLATING:SELECTIVE GOLD ,6 MICRO-INCHS MIN IN CONTACT AREA
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS
- RJ45 CAVITIES CONFORM TO FCC RULES AND REGULATION PART 68.
- THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260° C MAX,10 SECS MAX
- OPERATING TEMPERATURE T=0° C TO +70° C.
- STORAGE TEMPERATURE T=-40° C TO +85° C.

LED SPECIFICATION				
STANDARD LED	WAVELENGTH	Forward Current	Forward V(max)	TYP
GREEN	565nm	20 mA	2.4V	2.2V
YELLOW	590nm	20 mA	2.5V	2.1V



PCB LAYOUT (COMPONENT SIDE VIEW)
TOLERANCES: ± 0.10 / 0.004

Circuit Schematic:



Electronical Specifications:

- Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1 $\pm$ 5%
(P3~P4):(J3~J6) = 1:1 $\pm$ 5%
(P7~P8):(J4~J5) = 1:1 $\pm$ 5%
(P9~P10):(J7~J8) = 1:1 $\pm$ 5%
- Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- DC Resistance: 1.2 OHMS MAX
- Insertion Loss: 1-100MHz -1.0dB MAX
100-125MHz -1.2dB MAX
- Return Loss: 1-40MHz -16dB MIN
40-60MHz -12dB MIN
60-80MHz -10dB MIN
80-100MHz -8dB MIN
- Cross Talk: 1-100MHz -30dB MIN
- COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- Isolation: PHY Side to Line Side: 2250VDC

RoHS Compliant

REV	ECN NO	DESCRIPTION	DATE
A	TE2015-XXXX	New Drawing	2015/07/13

X. $\pm$ /	APPD: Henry Sun	TITLE: RJ45 ICM (1000Base-T 2Port)	
.X $\pm$ /	CHKD: Joyce Xu	PART NO: JDGD20098901	
.XX $\pm$ /	DR: Joyce Xu	DWG NO: C-JDGD20098901	
.XXX $\pm$ /	UNITS: mm	SCALE: CUSTOMER DRAWING	
X' $\pm$ /	SCALE: CUSTOMER DRAWING	SHEET: 10F1	REV: A
X' $\pm$ /			