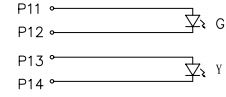
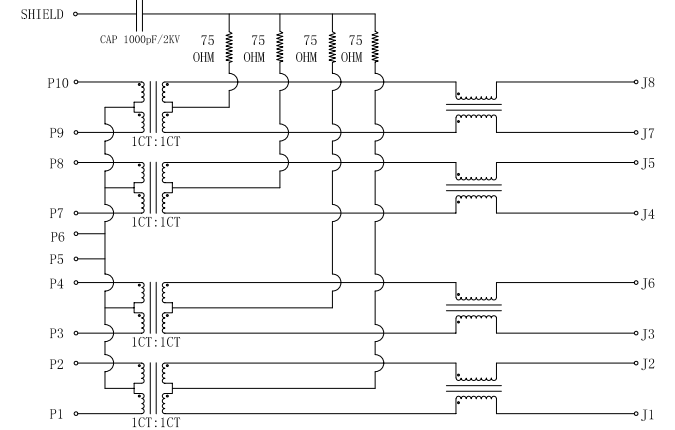


Circuit Schematic:



Pin	Green	Yellow
P11	+	+
P12	-	-

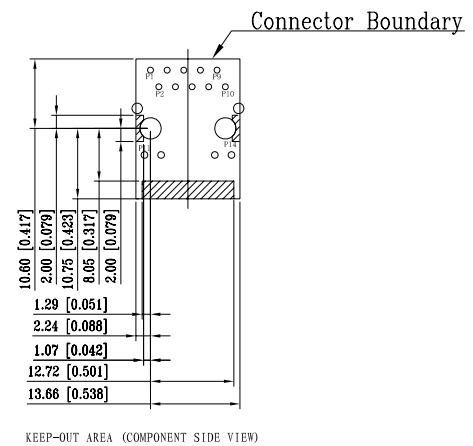
UNIT : mm / inch
A = 15.90 / 0.626
B = 13.63 / 0.537
C = 21.35 / 0.841
D = 3.50 / 0.126

Unless otherwise specified,all dimensions tolerances is $\pm 0.254 / 0.010$.

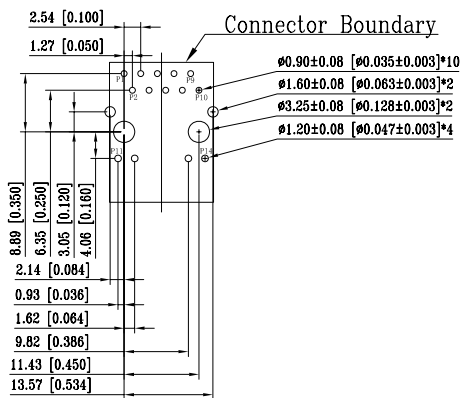
Notes:

- CONNECTOR MATERIAL:
HOUSING: THERMOPLASTIC BLACK UL94 V-0
SHIELD: Brass
SHIELD PLATING: NICKEL
CONTACT: PHOSPHOR BRONZE
CONTACT PLATING: SELECTIVE GOLD, 6 MICRO-INCHES 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



KEEP-OUT AREA (COMPONENT SIDE VIEW)



PCB LAYOUT (COMPONENT SIDE VIEW)
TOLERANCES: $\pm 0.10 / 0.004$

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

X. ± /	APPD: Henry Sun		TITLE: RJ45 ICM (1000Base-T 1Port)	 泰康电子 TECOM	
.X ± /	CHKD:				
.XX ± /	DR: Joyce Xu				
.XXX ± /					
X* ± /	PART NO: JDGD10095701				
X* ± /					
	UNITS: mm	SCALE:	DWG NO:	CUSTOMER DRAWING	SHEET:10F1
			C-JDGD10095701		REV: A