

ELECTRICAL SPECIFICATIONS:

- 1.0 TURN RATIO: (P1~P2):(J1~J2) :1:1±3%
 (P3~P6):(J3~J6) :1:1±3%
- 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 SHOR) :0.3uH MAX @1 MHZ
 P3~P6(WITH J3 AND J6 SHOR) :0.3uH MAX @1 MHZ

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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=100OHMS :30nS MAX
OUTPUT VOLTAGE=1V PEAK :30nS MAX
PULSE WIDTH= 112nS

10.0 CROSS TALK: 1MHZ TO 100MHZ 40dB TYP

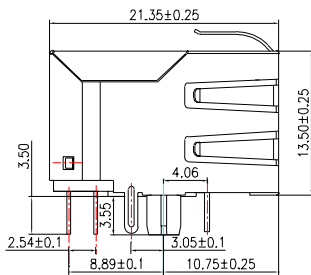
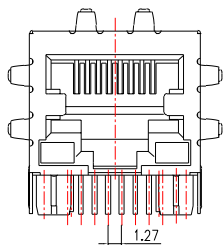
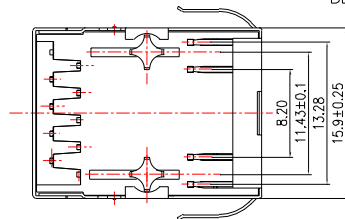
11.0 COMMON TO COMMON MODE ATTENUATION: 30MHZ TO 100MHZ :35dB TYP

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MECHANIC SPECIFICATIONS:

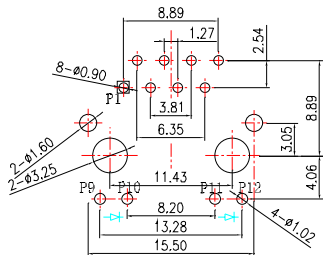
NOTES:

- 1.CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT/SHIELD: COOPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,50
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 $\pm 0.1\text{mm}$.



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MECHANIC SPECIFICATIONS:



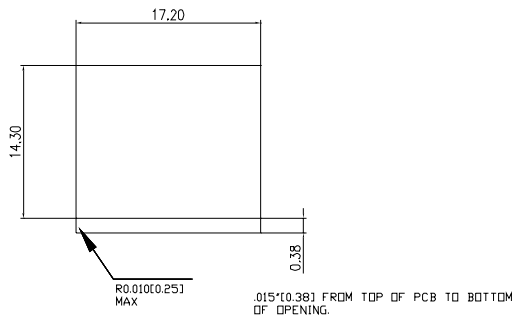
P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.

ALL CENTERLINE DIMENSIONS ARE BASIC

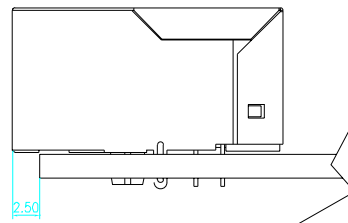
LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Forward V(max)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA

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1SUGGESTED 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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TEXT DATA SHEET

Model:TS-10017-2

REV:A

Date:2005/10/31

Parameter	LX		LK		CWW		DCR		RL					
Condition	0.1V,100Khz,DC8mA		10mA,1MHZ		0.1V,1MHZ		DC		30MHZ		60MHZ		80MHZ	
Spec	350uH MIN		1.3uH MAX		35pF MAX		1.2 OHM MAX		18 dB MIN		13 dB MIN		12 dB MIN	
No. Pin	P1~P2	P3~P6	P1~P2	P3~P6	P1~J2	P3~J6	J1~J2	J3~J6	P1~P2	P3~P6	P1~P2	P3~P6	P1~P2	P3~P6
1	634	621	0.682	0.652	26	22	0.741	0.772	24	26	17	18	14	15
2	641	662	0.675	0.635	28	21	0.731	0.828	23	24	16	18	18	15
3	632	642	0.674	0.642	27	20	0.733	0.774	24	22	18	15	16	17
4	654	653	0.682	0.652	26	21	0.739	0.825	23	23	16	17	14	17
5	642	613	0.681	0.634	25	22	0.715	0.788	24	22	19	18	17	17
6														
7														
8														
9														
10														
MIN	632	613	0.674	0.634	25	20	0.715	0.772	23	22	16	15	14	15
MAX	654	662	0.682	0.652	28	22	0.739	0.828	24	24	19	18	18	17
Average	640.6	638.2	0.6788	0.643	26.4	21.2	0.7318	0.7974	23.6	23.4	17.2	17.2	15.8	16.2
Stdev	8.649	20.801	0.004	0.009	1.140	0.837	0.010	0.027	0.548	1.673	1.304	1.304	1.789	1.095

Prepared By:洪华清

Approved By:张向宜

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A	TS-10017-2	01
SCALE		SHEET
N/A		7 OF 7