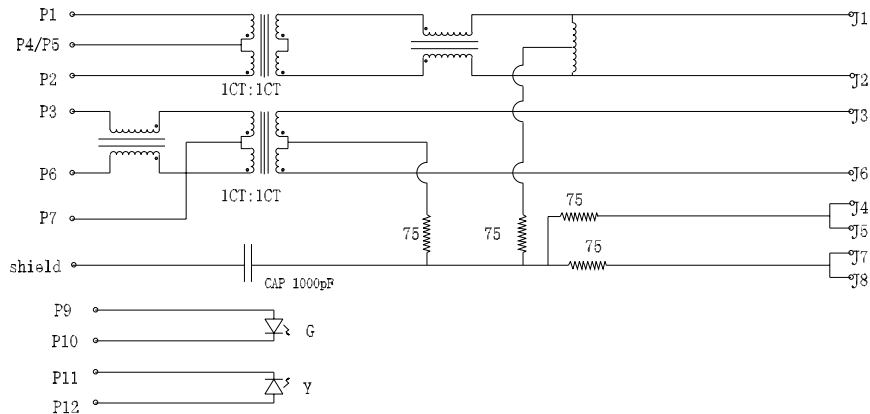




ELECTRICAL SPECIFICATIONS:

- | | |
|--|---------------------------------------|
| 1.0 TURNS 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 SHORT) | : 0.3uH MAX @ 1 MHZ |
| P3~P6 (WITH J3 AND J6 SHORT) | : 0.3uH MAX @ 1 MHZ |

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SCALE N/A		SHEET 2 OF 7

4.0 INTERWINDING: CAPACITANCE: (P1~P2): (J1~J2) :30pF MAX @ 1MHZ
(P3~P6): (J3~J6) : 30pF MAX @ 1MHZ

5.0 DC RESISTANCE: (J1~J2): (P3~P6) :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
100KHZ TO 80MHZ : -1.1dB MIN

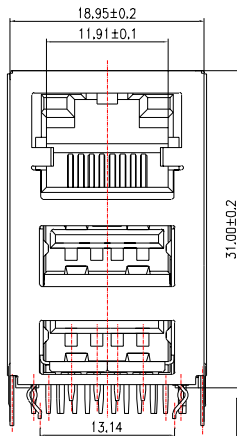
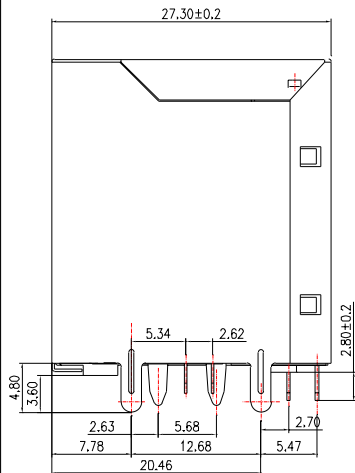
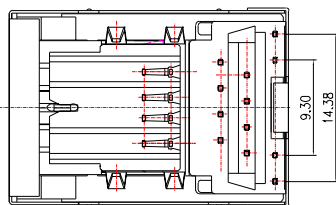
9.0 RISE TIME:RS=100 OHMS AND RL=100OHMS
OUTPUT VOLTAGE=1V PEAK :3.0nS MAX
PULSE WIDTH= 112nS :3.0nS MAX

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

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

SIZE	DRAWING NO.	REV
A	TS-70014-2	01
SCALE		SHEET
N/A		3 OF 7

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. ☐

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

S123

A

S0123

N/A

DRAWING NO.

TS-70014-2

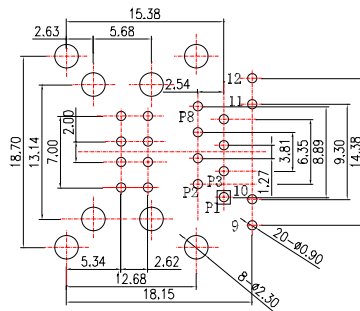
REV

01

SHEET

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MECHANIC SPECIFICATIONS:



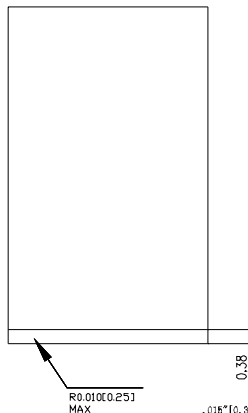
P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.

ALL CENTERLINE DIMENSIONS ARE BASIC

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

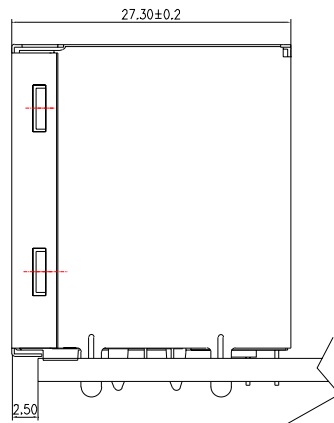
*WITH A FORWARD CURRENT OF 20mA

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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 ± 0.005 INCH (0.13)

8113 A	DRAWING NO. TS-70014-2	REV 01
SCALE N/A		SHEET 6 OF 7