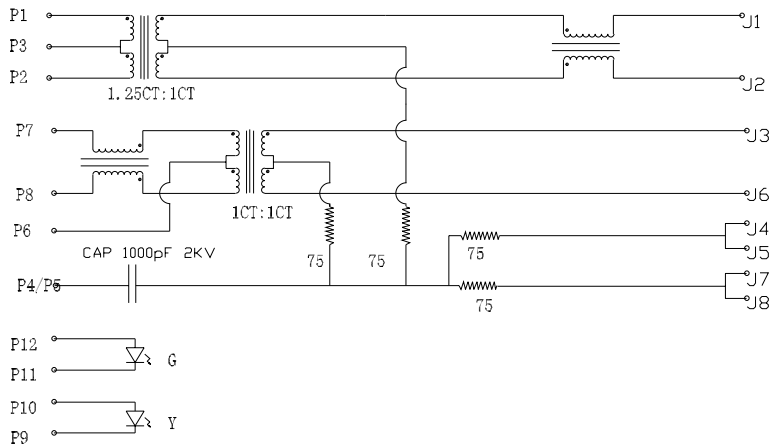


SPECIFICATION FOR APPROVAL

PRODUCT NAME: 59, 1*1port with transformer and
LED, EMI, 10/100BT Afer 3. 05

PRODUCT NO : TS-50022



ELECTRICAL SPECIFICATIONS:

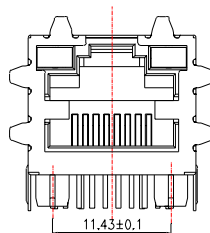
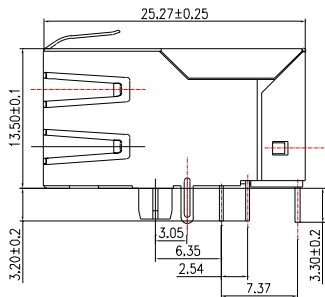
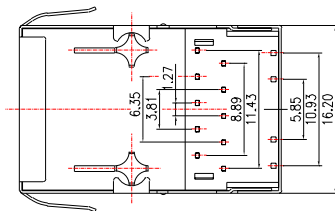
- | | |
|---|--------------------------------------|
| 1.0 TURNS RATIO: (P1~P2):(J1~J2) | :1.25:1±3% |
| (P7~P8):(J3~J6) | :1:1±3% |
| 2.0 INDUCTANCE: (P1~P2) | 350uH MIN @ 0.1V,100KHZ, 8mA DC BIAS |
| (P7~P8) | 350uH MIN @ 0.1V,100KHZ, 8mA DC BIAS |
| 3.0 LEAKAGE INDUCTANCE: P1~P2(WITH J1 AND J2 SHORT) | :0.3uH MAX @1 MHZ |
| P7~P8(WITH J3 AND J6 SHORT) | :0.3uH MAX @1 MHZ |

SIZE A	DRAWING NO. TS-50022	REV 01
SCALE N/A		SHEET 2 OF 7

4.0 INTERWINDING CAPACITANCE:(P1~P2):(J1~J2) (P7~P8):(J3~J6)	:35pF MAX @ 1MHZ :35pF MAX @ 1MHZ
5.0 DC RESISTANCE:(J1~J2):(P7~P8)	:1.2 OHMS MAX
6.0 RETURN LOSS: 1MHZ TO 30MHZ 30MHZ TO 80MHZ	:-18dB MIN :-12dB MIN
7.0 DIELECTRIC WITHSTAND:(P1~P2):(J1~J2) (P7~P8):(J3~J6)	:1500VAC :1500VAC
8.0 INSERTION LOSS:RS=RL=100OHMS 100KHZ TO 80MHZ	: -1.1dB MIN
9.0 RISE TIME:RS=100 OHMS AND RL=100OHMS OUTPUT VOLTAGE=1V PEAK PULSE WIDTH= 112nS	: 3.0nS MAX : 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 A	DRAWING NO. TS-50022	REV 01
SCALE N/A		SHEET 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

IN CONTACT AREA



2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS

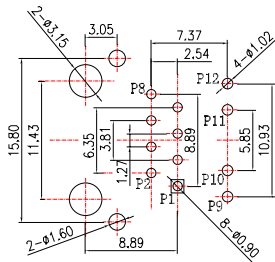
3. TOLERANCES COMPLY WITH F. C. C DIMENSION REQUIREMENTS

4. WAVE SOLDER COMPATIBLE-PREHEAT 125 C DEGREE/90SECS

5. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±0.1mm.

SIZE A	DRAWING NO. TS-50022	REV 01
SCALE N/A		SHEET 4 OF 7

MECHANIC SPECIFICATIONS:

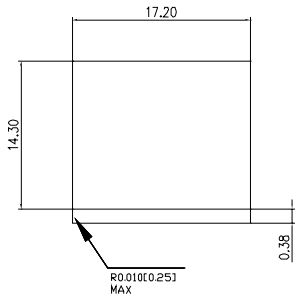


P.C.B RECOMMENDED HOLE LAYOUT
 SEEN FROM COMPONENT SIDE.
 ALL CENTERLINE DIMENSIONS ARE BASIC

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

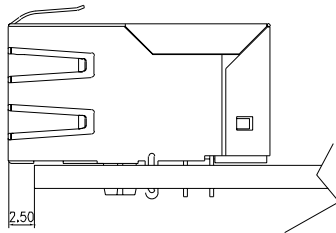
*WITH A FORWARD CURRENT OF 20mA

SIZE A	DRAWING NO. TS-50022	REV 01
SCALE N/A		SHEET 5 OF 7



.015(.038) FROM TOP OF PCB TO BOTTOM OF OPENING.

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)

SIZE A	DRAWING NO. TS-50022	REV 01
SCALE N/A		SHEET 6 OF 7

TEST DATA SHEET:

SIZE A	DRAWING NO. TS-50022	REV 01
SCALE N/A		SHEET 1 OF 1