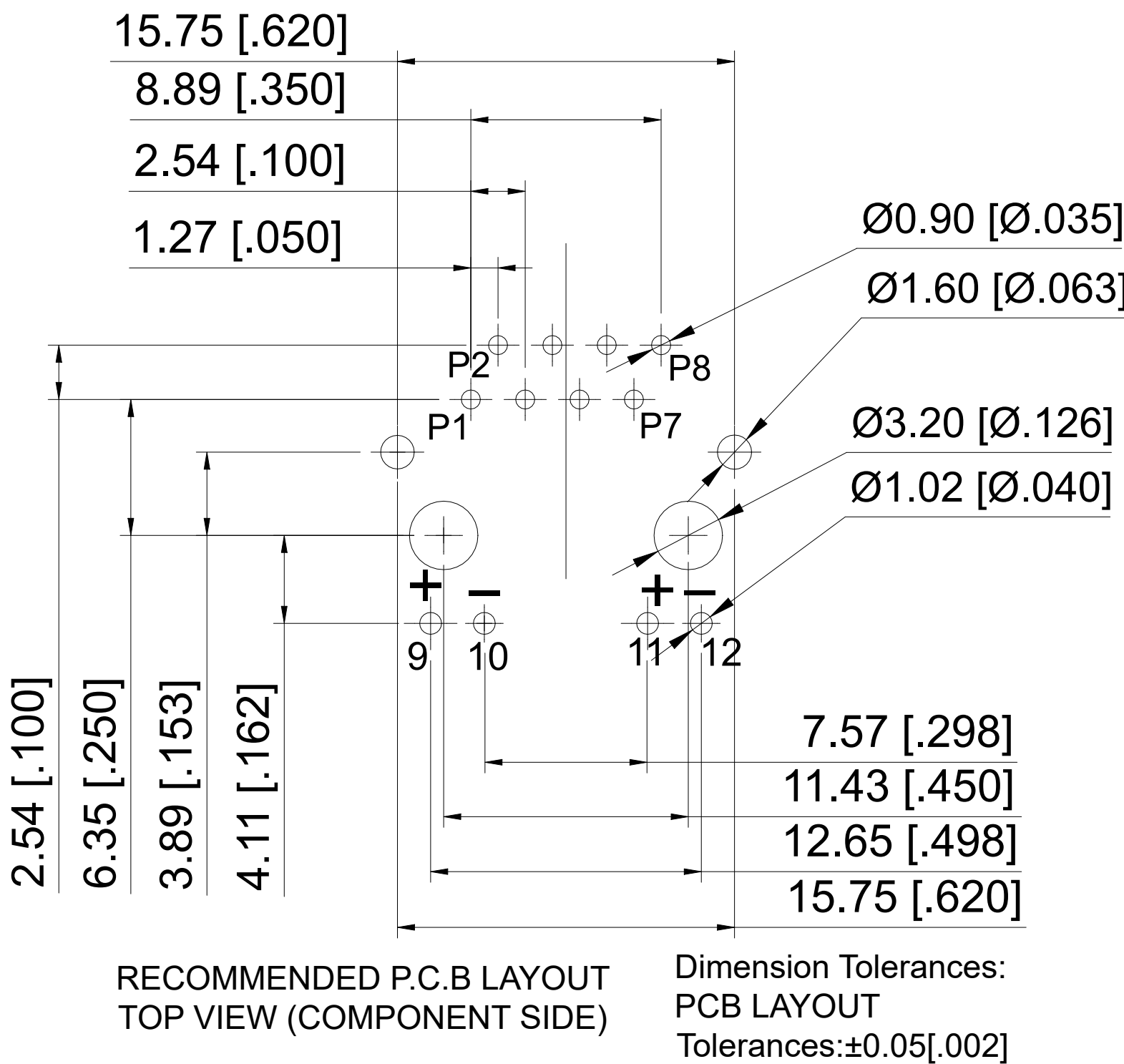
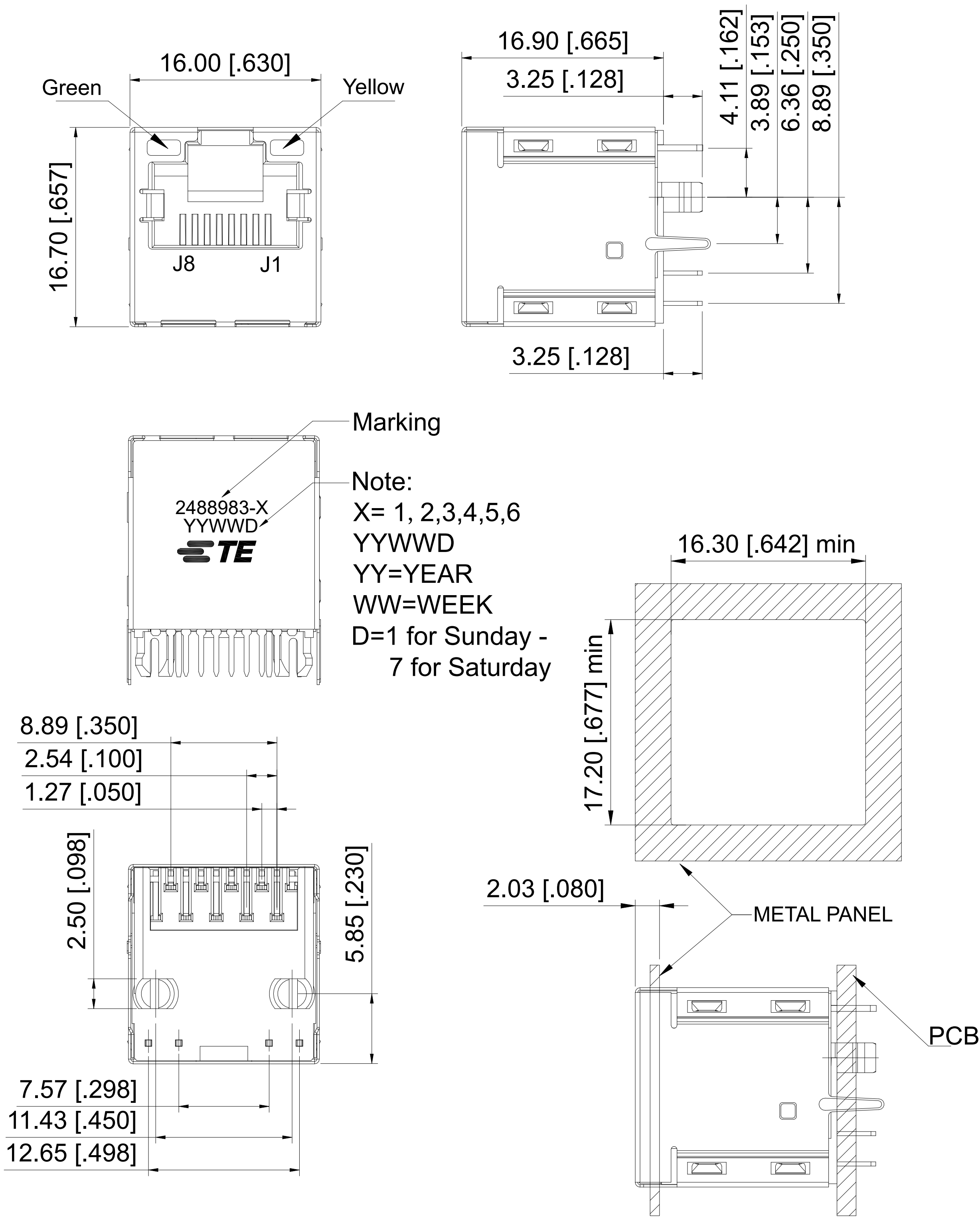


NOTES:

- 1.HOUSING MATERIAL:GLASS FILLED PA46(BLACK) UL94V-0(ROHS)
- 2.CONTACT: PHOSPHOR BRONZE,50 MICROINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATE WITH SELECTED (REFER P/N TABLE) GOLD AT MATING INTERFACE
- 3.SHIELD:0.2mm THICKNESS WITH BRASS.
- 4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
- 5.THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX,10 SECS MAX.
- 6.OPERATING TEMPERATURE:-40°C TO +85°C.
STORAGE TEMPERATURE:-40°C TO +85°C.



GF	2488983-6
0.0762 µm [3µ"]	2488983-5
0.1524 µm [6µ"]	2488983-4
0.381 µm [15µ"]	2488983-3
0.762 µm [30µ"]	2488983-2
1.27 µm [50µ"]	2488983-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC	± 0.10
1. PLC	± 0.25
2. PLC	± 0.25
3. PLC	± 0.25
4. PLC	± 0.25
ANGLES	± 2

MATERIAL

-

FINISH

-

DWN
RAMESH KIVADER
13JUN2024

CHK
RAMESH KIVADER
13JUN2024

APVD
P.S. SATHISH
13JUN2024

NAME

RJ45 1X1 Vertical/Through Hole
10/100Base-T W/LED

PRODUCT SPEC

108-161443

APPLICATION SPEC

114-161076

WEIGHT

0

CUSTOMER DRAWING

SCALE 1:1

SHEET 1 OF 2

REV A1

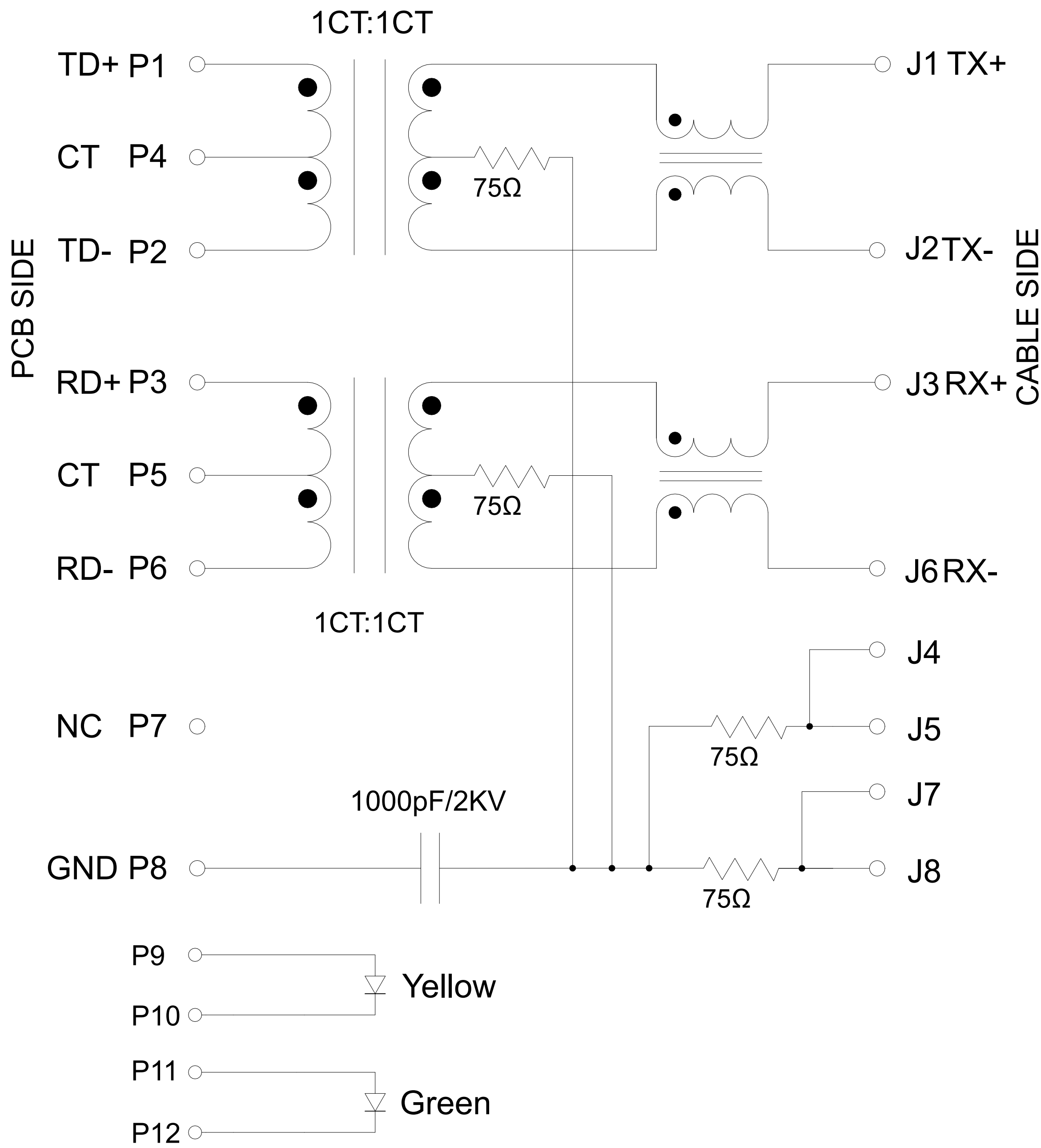
TE Connectivity

RAMESH KIVADER

100779

2488983

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
TURNS RATIO	1:1±2%
INDUCTANCE(OCL)	350uH MIN@100KHz/100mV With 8mA DC Bias
INSERTION LOSS	-1.0dB MAX@0.3MHz-100MHz;
RETURN LOSS (Z out=100 OHM)	-18dB MIN@1MHz-30MHz; -16dB MIN@30MHz-60MHz; -12dB MIN@60MHz-80MHz;-10dB MIN@80MHz-100MHz;
CROSSTALK (ADJACENT CHANNELS)	-30dB MIN@1MHz-100MHz;
COMMON MODE REJECTION RATIO	-30dB MIN@1MHz-100MHz;
HI-POT	2250 VDC@60 SECONDS

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Farward V(max)	TYP
GREEN	570nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA