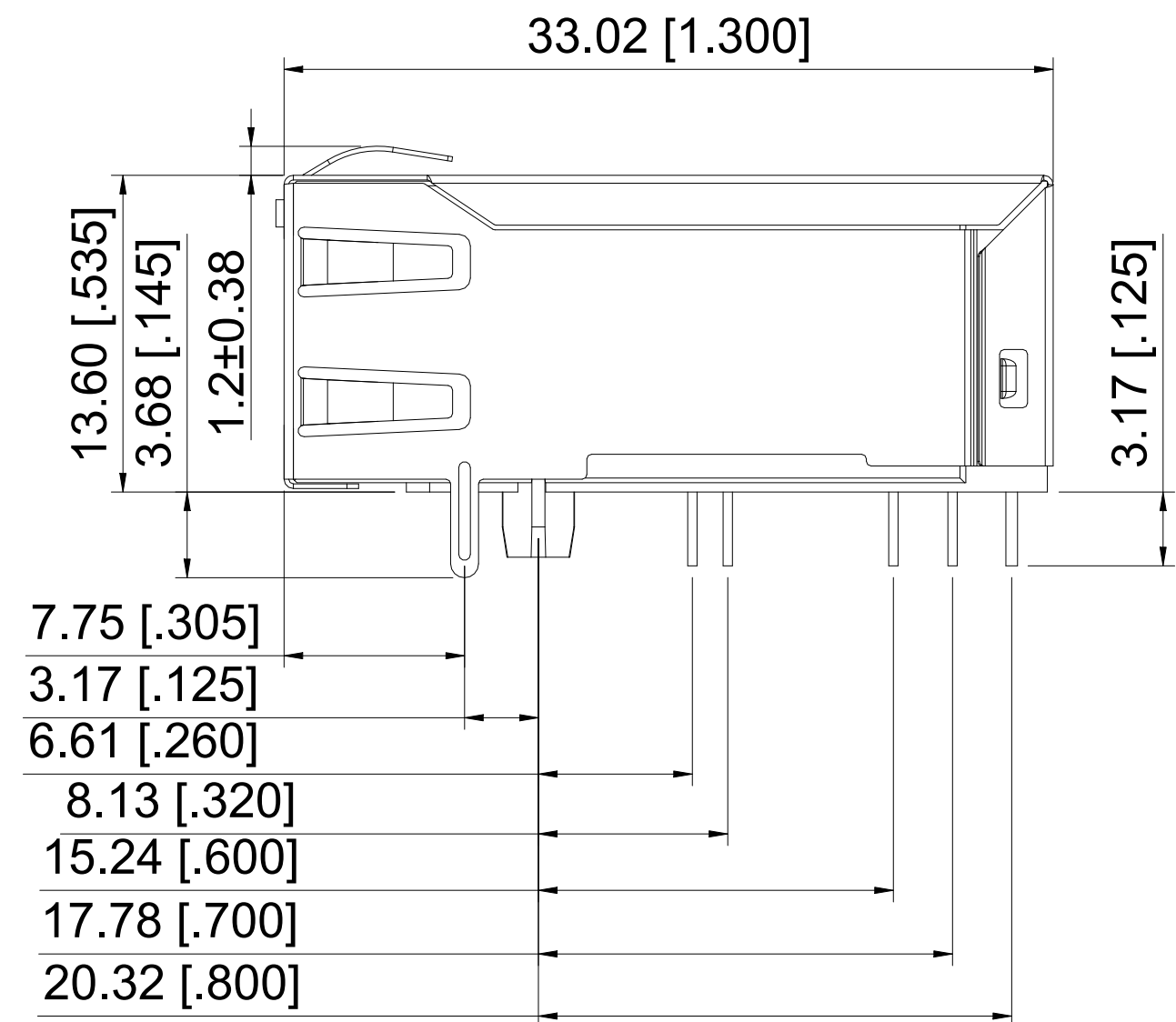
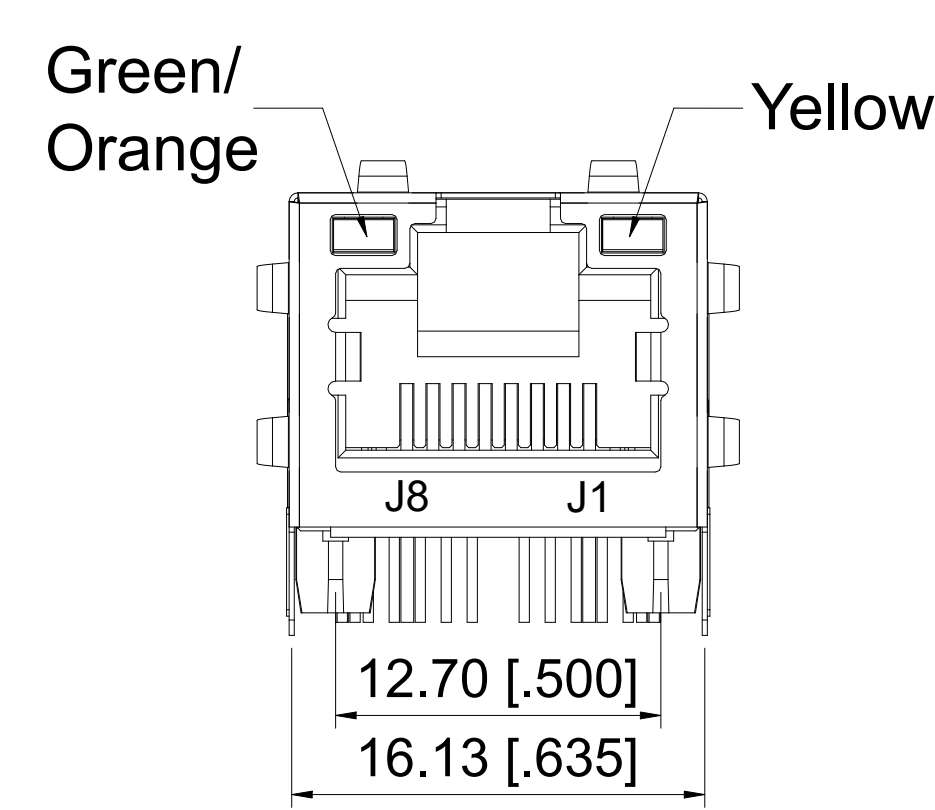
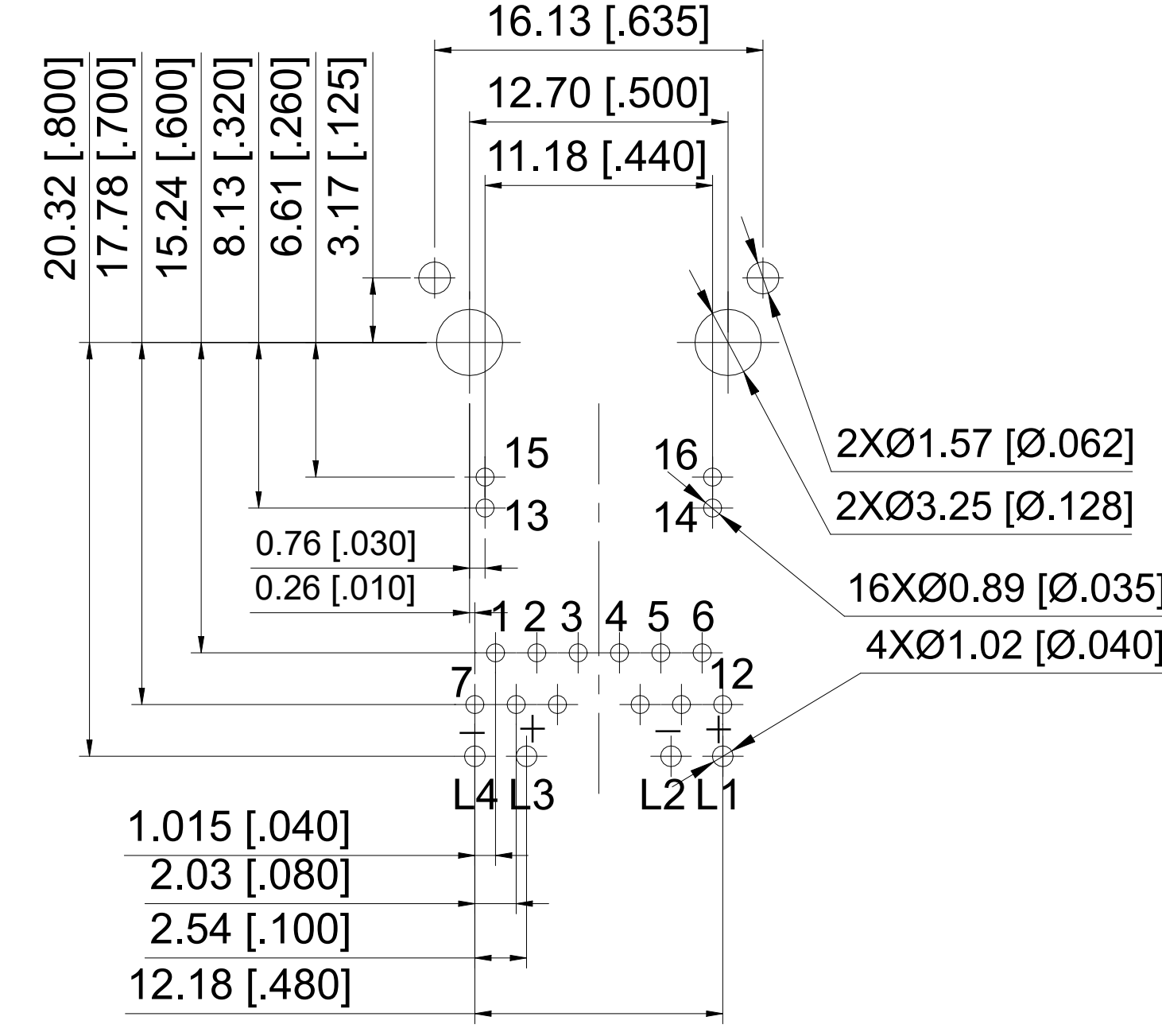
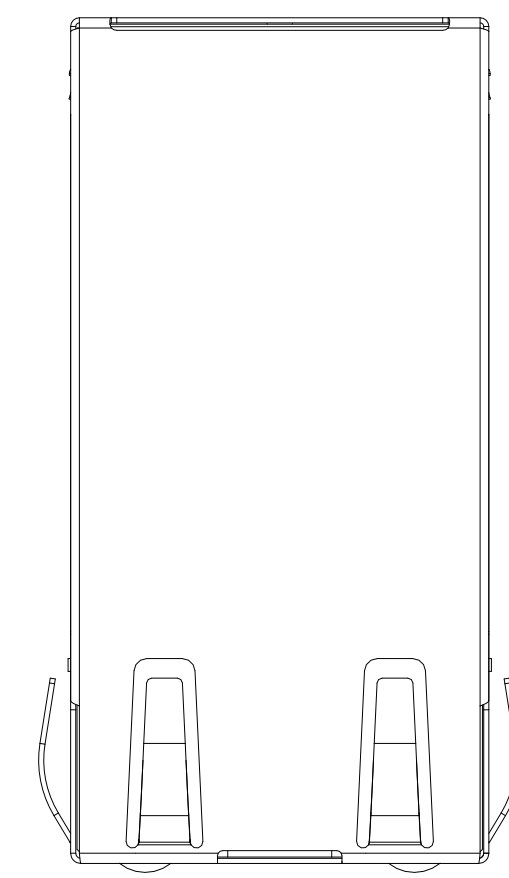
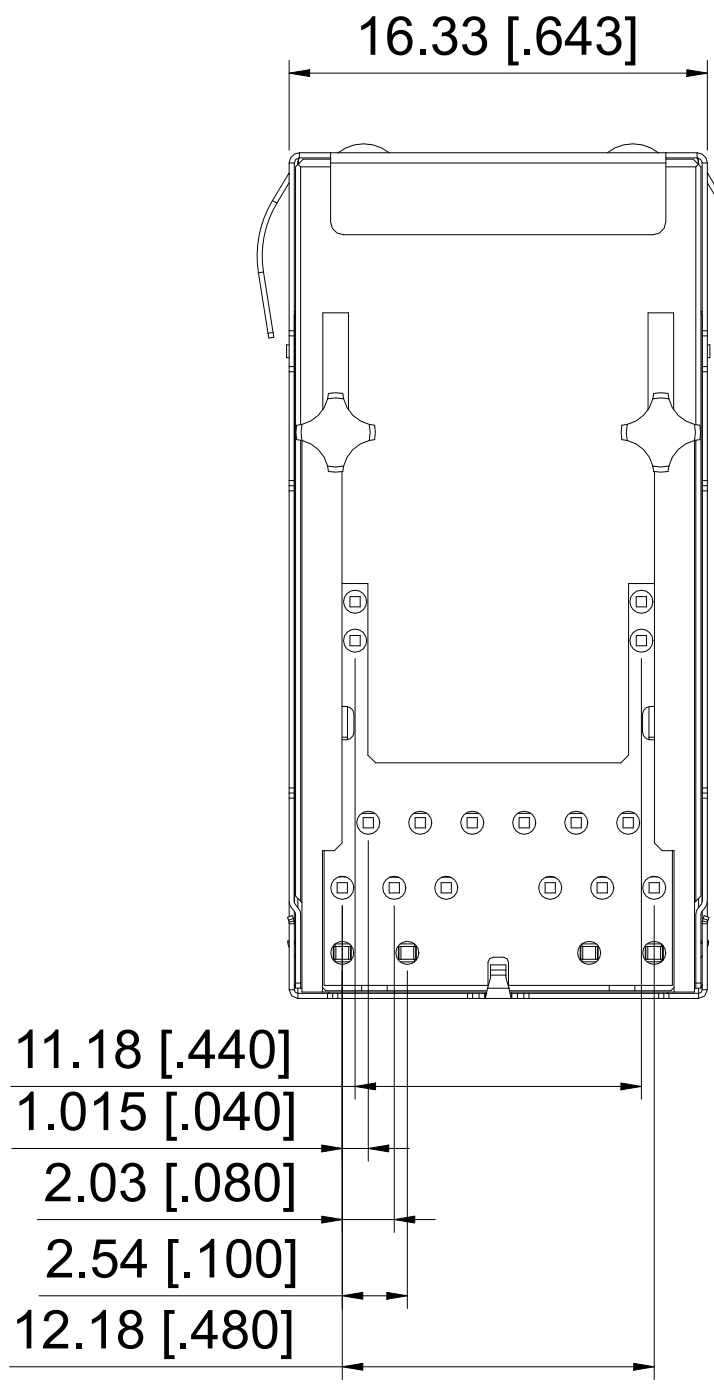




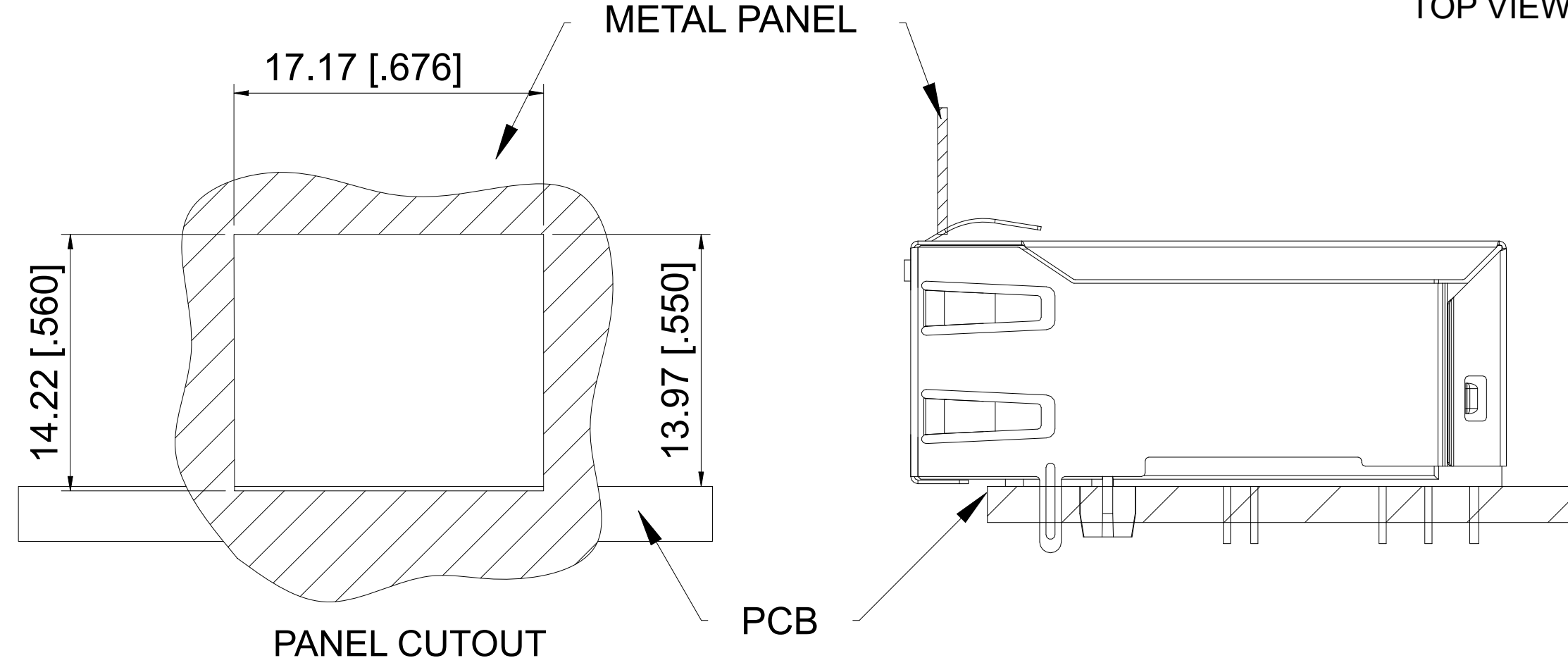
NOTES:

- 1.HOUSING MATERIAL:GLASS FILLED PA46(BLACK) UL94V-0(ROHS)
- 2.CONTACT: PHOSPHOR BRONZE,50 MICROINCHES MIN. OVERALL DUCTILE L UNDERPLATE ITH SELECTED (REFER P/N TABLE) MICROINCHES GOLD AT MATING INTER
- 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.



RECOMMENDED P.C.B LAYOUT
TOP VIEW (COMPONENT SIDE)

Dimension Tolerance:
All PCB LAYOUT
Tolerance:±0.05[.002]



0.04572 µm [1.8µ"]	2489103-6
0.0762 µm [3µ"]	2489103-5
0.1524 µm [6µ"]	2489103-4
0.381 µm [15µ"]	2489103-3
0.762 µm [30µ"]	2489103-2
1.27 µm [50µ"]	2489103-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0

1

2

3

4

PLC

PLC

PLC

PLC

PLC

± 0.10

± 0.25

± 0.25

± 0.25

± 0.25

ANGLES

± 2

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0

1

2

3

4

PLC

PLC

PLC

PLC

PLC

± 0.10

± 0.25

± 0.25

± 0.25

± 0.25

ANGLES

± 2

MATERIAL

-

FINISH

-

DWN

12JUN2024

RAMESH_KIVADER

CHK

12JUN2024

RAMESH_KIVADER

APVD

12JUN2024

P.S. SATHISH

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

0

CUSTOMER DRAWING

-

NAME

RJ45 1X1 Tab_Up/Through Hole/UPoE+(60W)
5G Base-T W/LED

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

2489103

-

SCALE

1:1

SHEET

1

OF

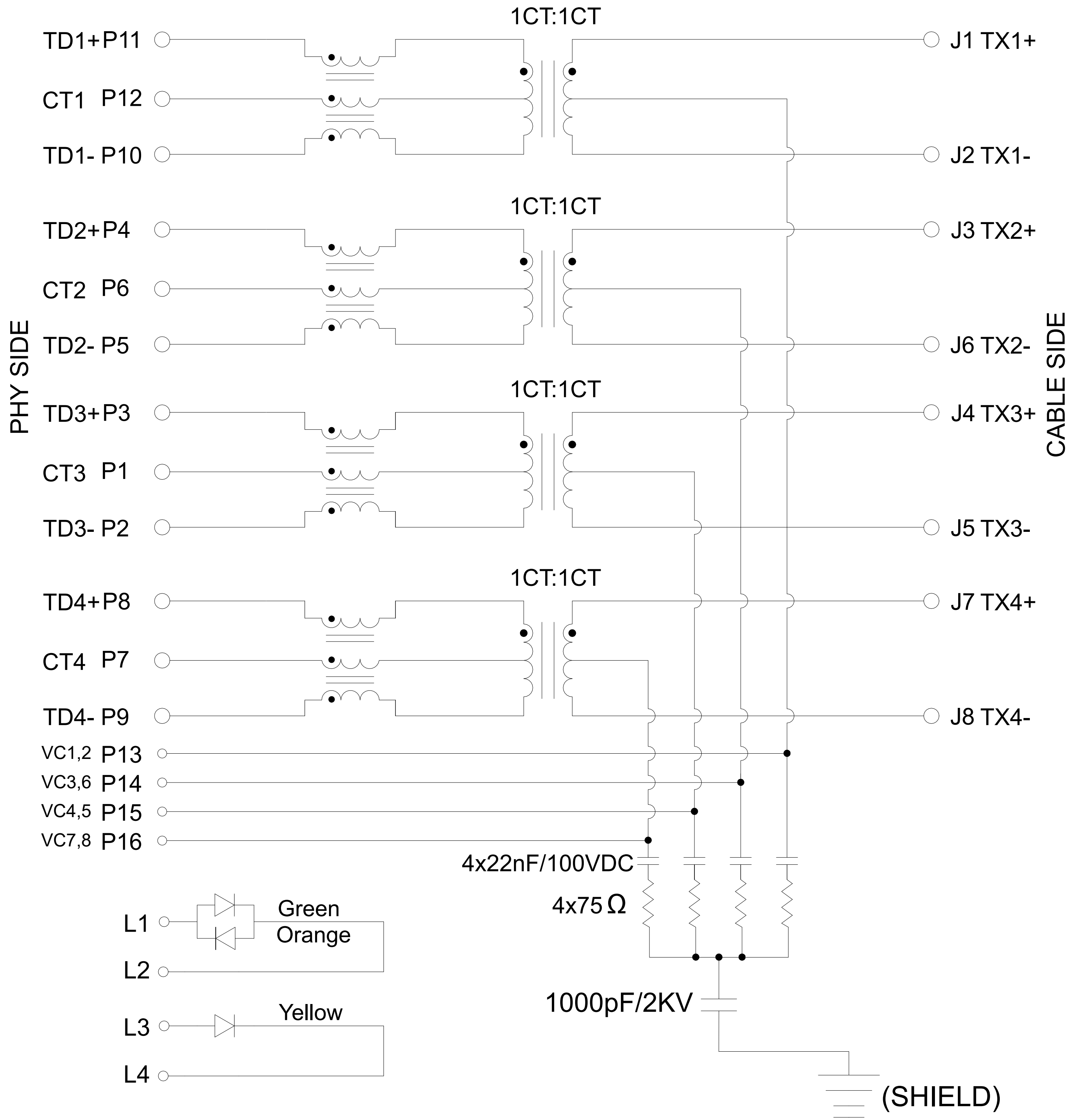
2

REV

A

TE Connectivity

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
URNS RATIO	1:1±2%
OPEN CIRCUIT INDUCTANCE(OCL)	120uH MIN@100KHz/100mV With 19mA DC Bias For(CHANNEL1,2,3,4) 180uH MIN@100KHz/100mV With 8mA DC Bias For(CHANNEL1,2,3,4)
INSERTION LOSS(IL)	-0.5dB MAX@1MHz-50MHz; -1.0dB MAX@50MHz-125MHz; -2.0dB MAX@125MHz-200MHz; -2.5dB MAX@200MHz-250MHz;
RETURN LOSS(RL) (Z out=100 OHM)	-20dB MIN@1MHz-50MHz; -20+15LOG(f/40MHz)dB MIN@50MHz-250MHz;
CROSSTALK (ADJACENT CHANNELS)	-25dB MIN@1MHz-125MHz; -20dB MIN@125MHz-250MHz;
COMMON MODE REJECTION RATIO(CMRR)	-23dB MIN@1MHz-250MHz;
COMMON TO DIFFERENTIAL MODE REJECTION(REF)	-23dB MIN@1MHz-250MHz;
DC CURRENT/VOLTAGE RATING-PSE PINS	720mA MAXIMUM@57VDC(CONTINUOUS)
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
ORANGE	605nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA

Mouser Electronics

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[TE Connectivity:](#)

[2489103-1](#)