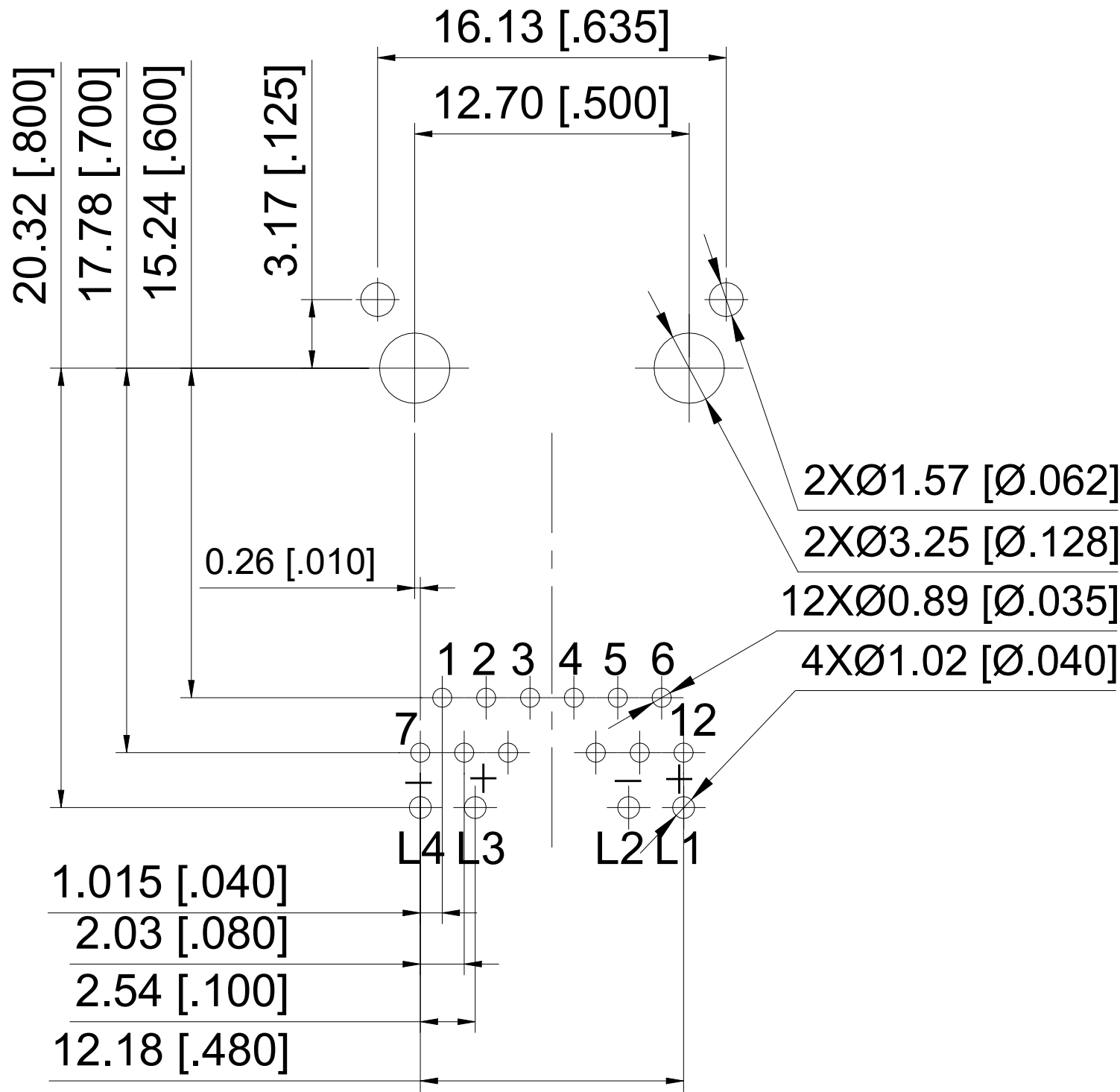
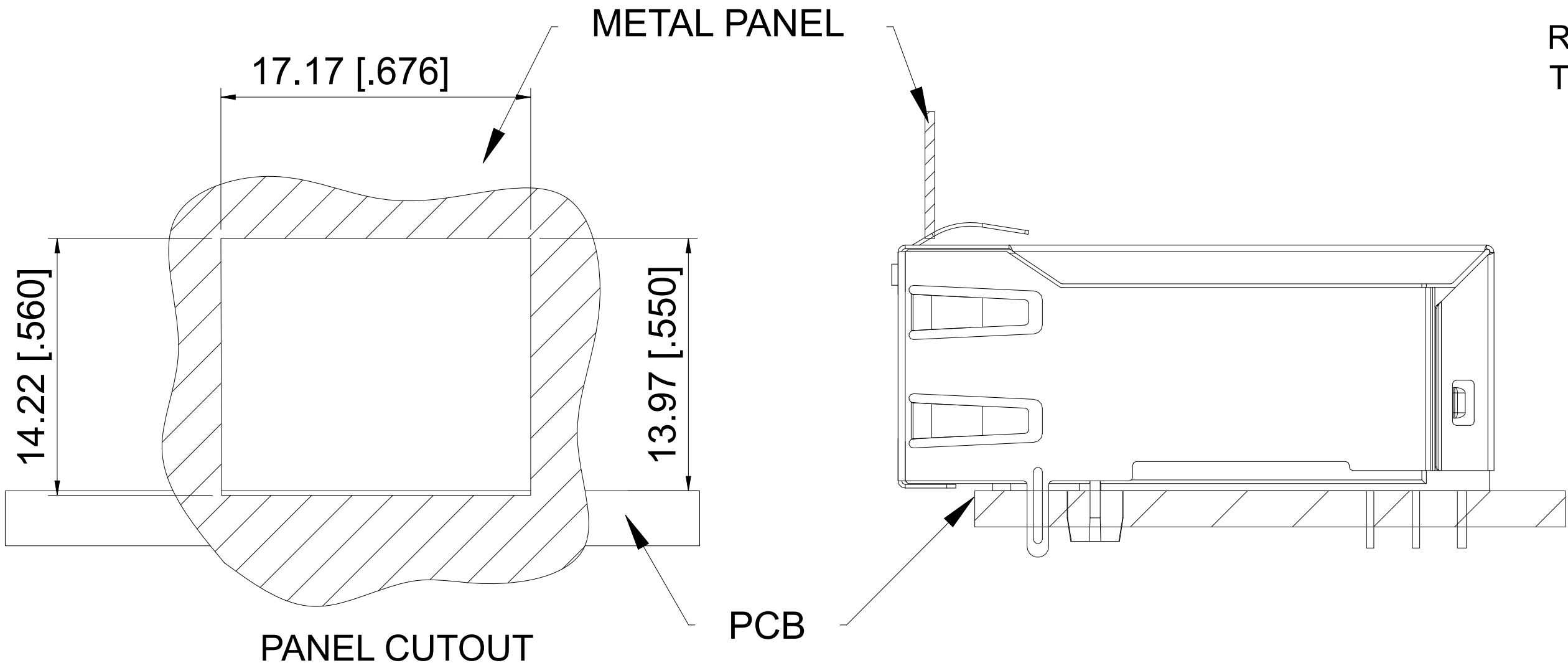
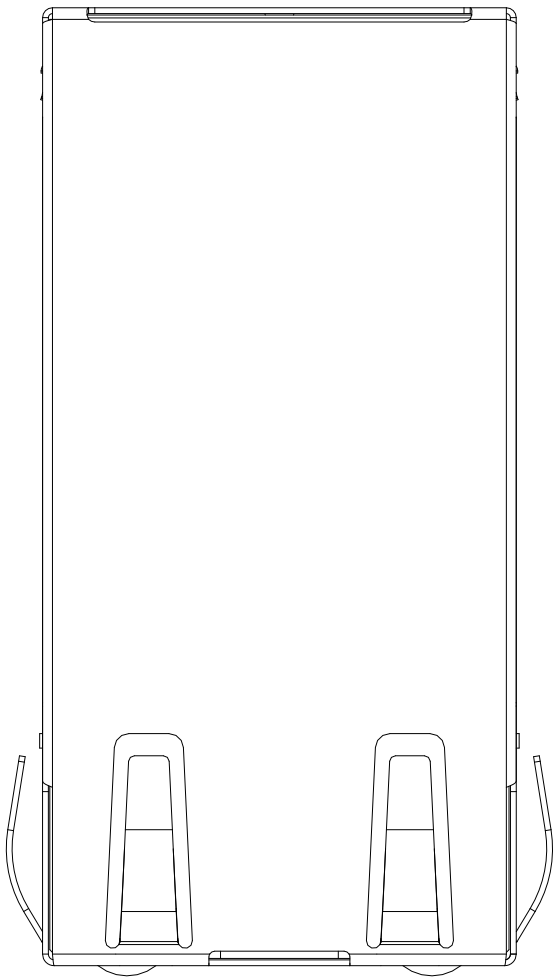
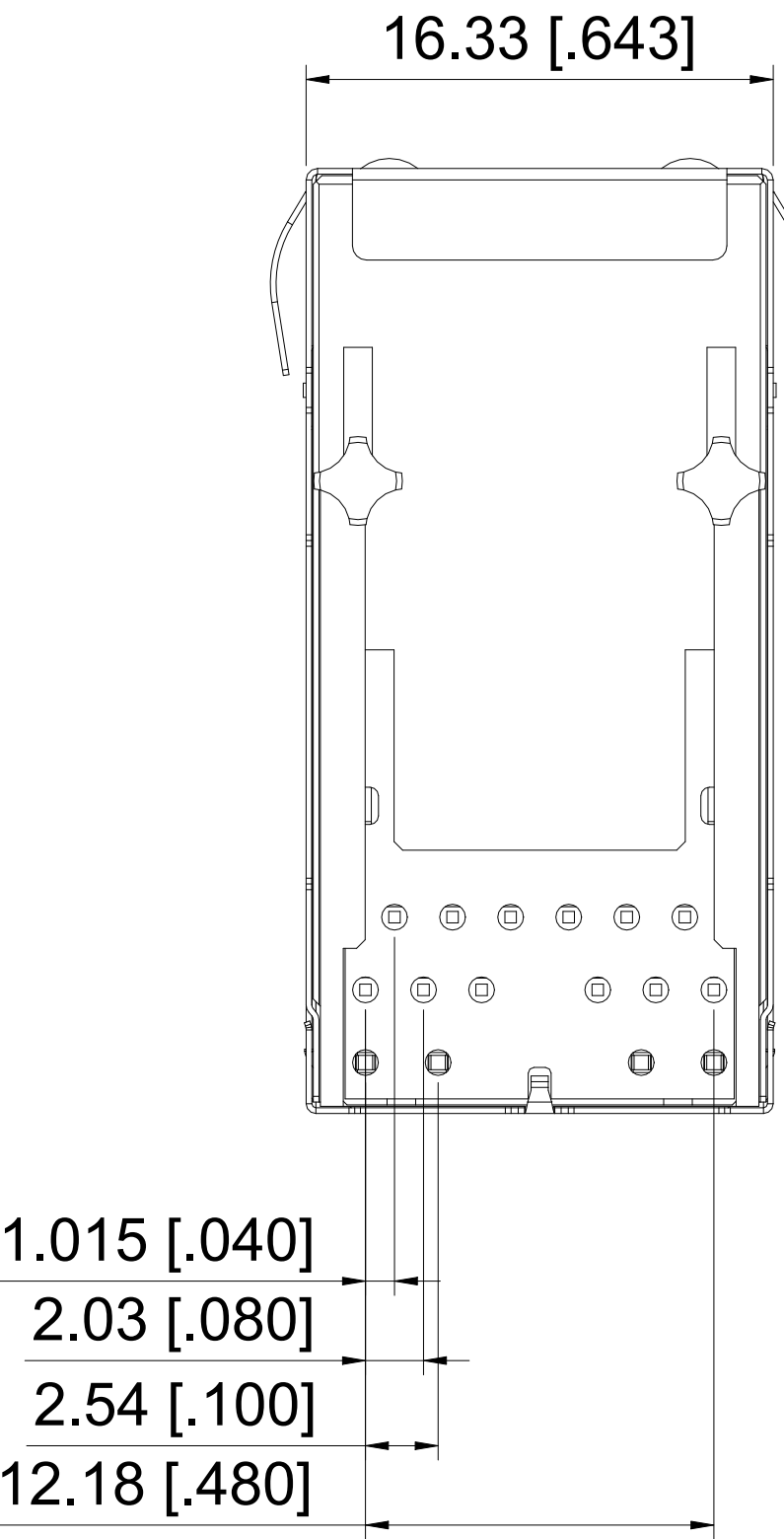
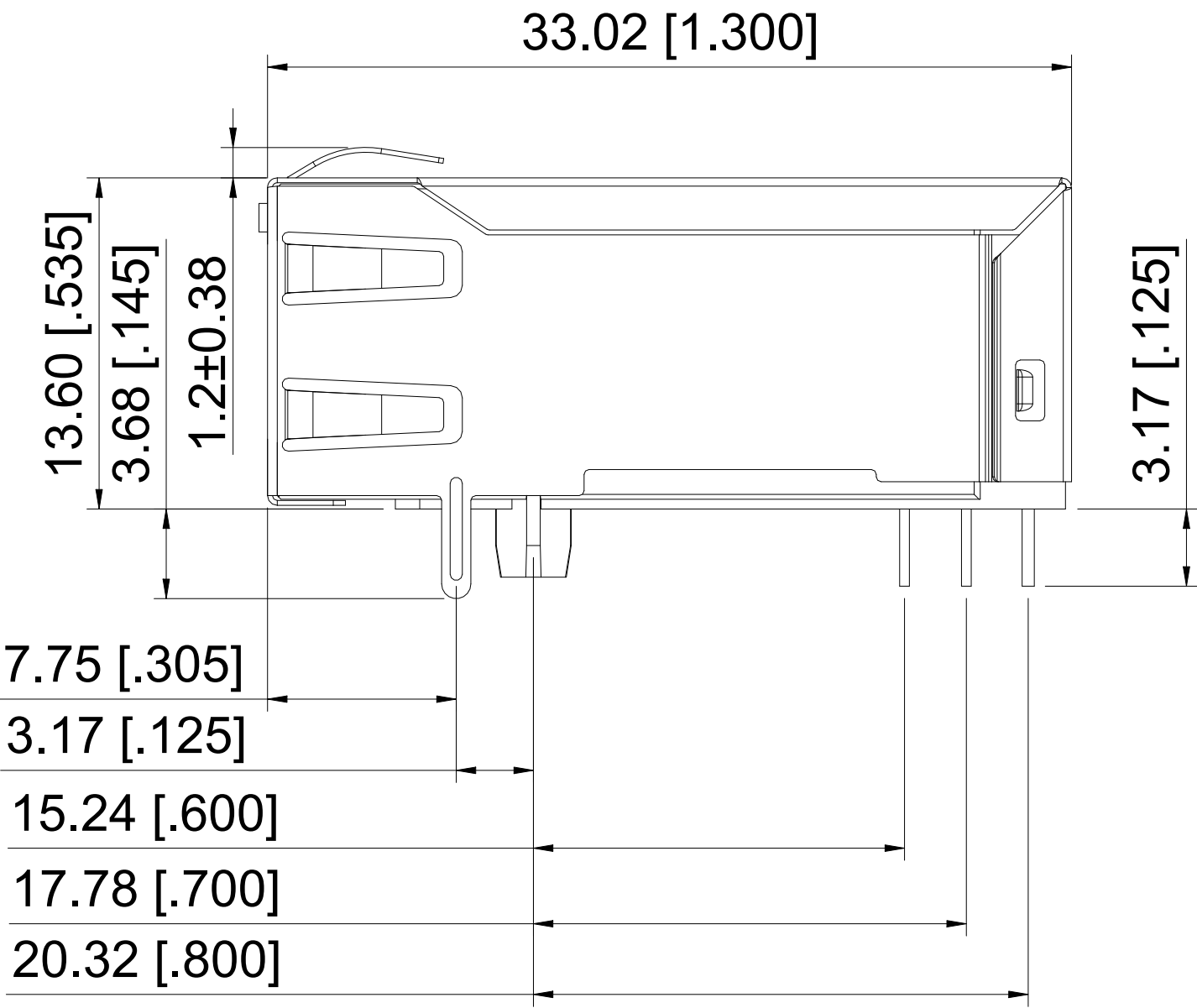
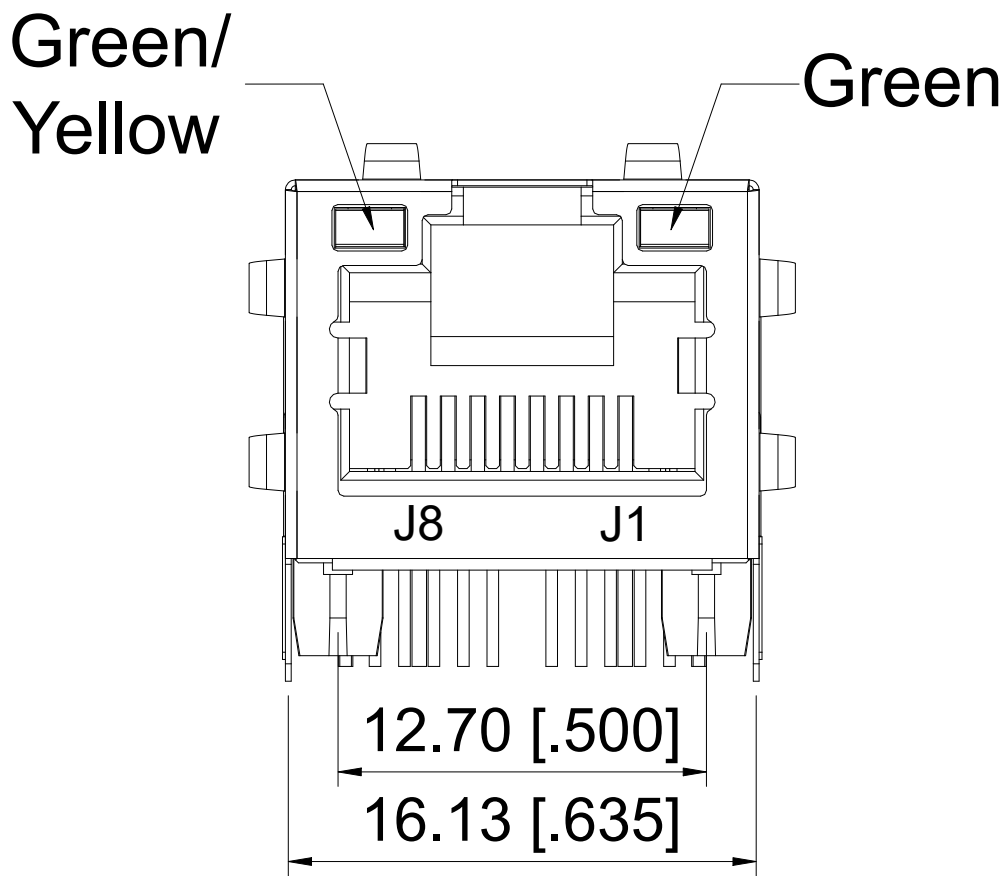


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	11JUL2024	RK	PSS

NOTES:

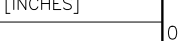
- 1.HOUSING MATERIAL:GLASS FILLED PA46(BLACK) UL94V-0(ROHS)
- 2.CONTACT: PHOSPHOR BRONZE,50 MICROINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATE WITH SELECTED (REFER P/N TABLE) MICROINCHES GOLD AT MATING INTERFACE
- 3.SHIELD:0.2mm THICKNESS WITH BRASS.
- 4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
- 5.THE PART IS RECOMMENDDDED 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.

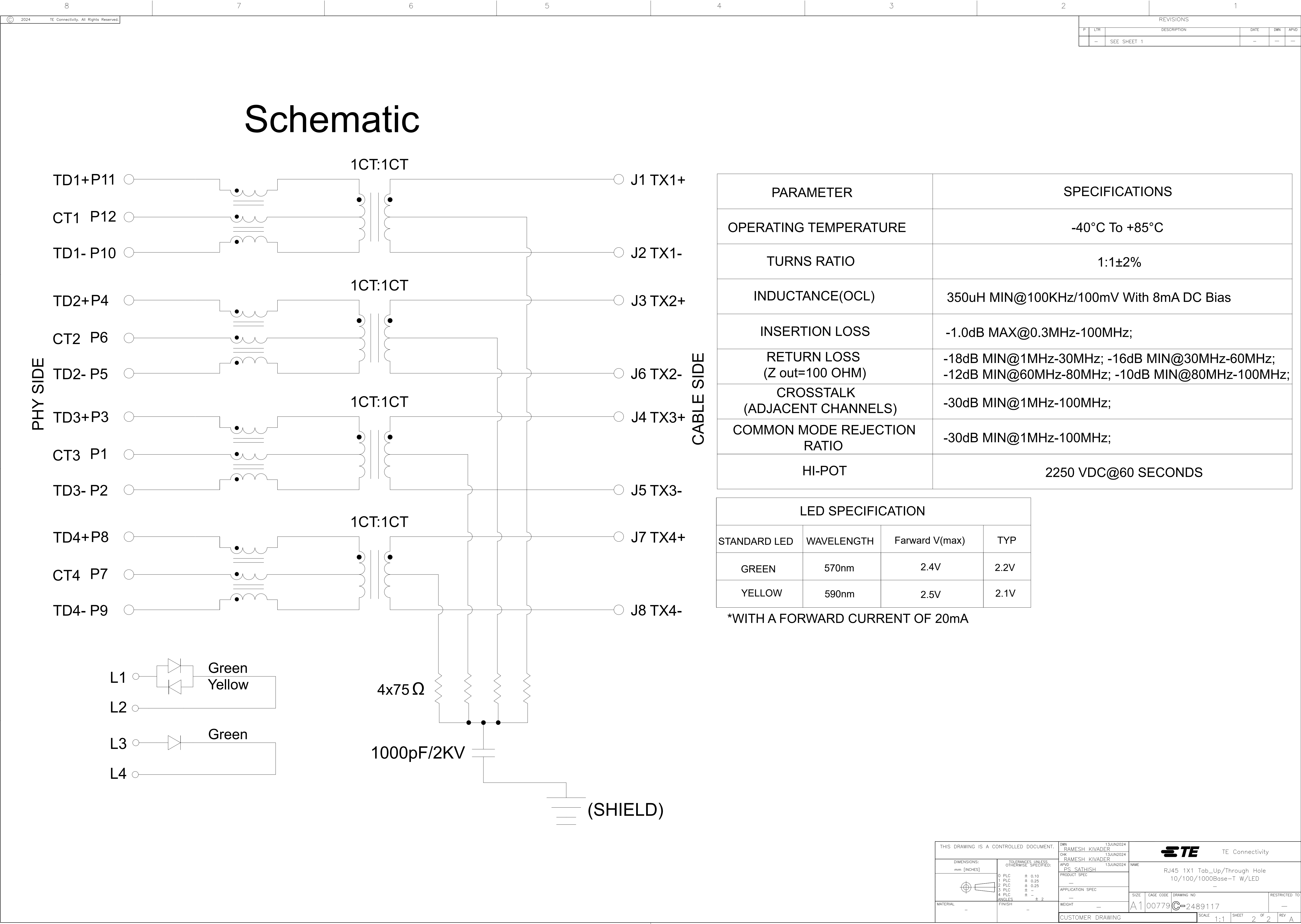


RECOMMENDED P.C.B LAYOUT
TOP VIEW (COMPONENT SIDE)

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

0.04572 μm [1.8μ"]	2489117-6
0.0762 μm [3μ"]	2489117-5
0.1524 μm [6μ"]	2489117-4
0.381 μm [15μ"]	2489117-3
0.762 μm [30μ"]	2489117-2
1.27 μm [50μ"]	2489117-1
GOLD PLATING THICKNESS PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAMESH_KIVADER 13JUN2024	 TE Connectivity					
DIMENSIONS: mm [INCHES]		CHK RAMESH_KIVADER 13JUN2024						
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD P.S. SATHISH 13JUN2024	NAME RJ45 1X1 Tab_Up/Through Hole 10/100/1000Base-T W/LED —	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
	0 PLC ± 0.10	PRODUCT SPEC						
	1 PLC ± 0.25							
	2 PLC ± 0.25							
3 PLC ± 0.25	APPLICATION SPEC		WEIGHT	0	A1	00779		2489117
4 PLC ± 0.25								
ANGLES ± 0.25								
FINISH ± 0.25								
MATERIAL	—	—	—	—	—	—	—	
CUSTOMER DRAWING		SCALE		1:1	SHEET	1 OF 2	REV	A



PHY SIDE

TD1+P11

CT1 P12

TD1- P10

TD2+P4

CT2 P6

TD2- P5

TD3+P3

CT3 P1

TD3- P2

TD4+P8

CT4 P7

TD4- P9

1CT:1CT

1CT:1CT

1CT:1CT

1CT:1CT

J1 TX1+

J2 TX1-

J3 TX2+

J6 TX2-

J4 TX3+

J5 TX3-

J7 TX4+

J8 TX4-

4x75Ω

1000pF/2KV

(SHIELD)

L1

L2

L3

L4

Green Yellow

Green

1CT:1CT

1CT:1CT

1CT:1CT

1CT:1CT

J1 TX1+

J2 TX1-

J3 TX2+

J6 TX2-

J4 TX3+

J5 TX3-

J7 TX4+

J8 TX4-

4x75Ω

1000pF/2KV

(SHIELD)

L1

L2

L3

L4

Green Yellow

Green

PARAMETER

OPERATING TEMPERATURE

TURNS RATIO

INDUCTANCE(OCL)

INSERTION LOSS

RETURN LOSS
(Z out=100 OHM)

CROSSTALK
(ADJACENT CHANNELS)

COMMON MODE REJECTION
RATIO

HI-POT

SPECIFICATIONS

-40°C To +85°C

1:1±2%

350uH MIN@100KHz/100mV With 8mA DC Bias

-1.0dB MAX@0.3MHz-100MHz;

-18dB MIN@1MHz-30MHz; -16dB MIN@30MHz-60MHz;
-12dB MIN@60MHz-80MHz; -10dB MIN@80MHz-100MHz;

-30dB MIN@1MHz-100MHz;

-30dB MIN@1MHz-100MHz;

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm (INCHES)

MATERIAL
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

FINISH
-

DWN
RAMESH_KIVADER
13JUN2024

CHK
RAMESH_KIVADER
13JUN2024

APVD
P.S. SATHISH
13JUN2024

PRODUCT SPEC

APPLICATION SPEC

WEIGHT
-

CUSTOMER DRAWING

NAME

RJ45 1X1 Tab_Up/Through Hole
10/100/1000Base-T W/LED

SIZE
A1

CAGE CODE
00779

DRAWING NO
2489117

RESTRICTED TO
-

SCALE
1:1

SHEET
2

OF
2

REV
A

TE Connectivity

4805 (1/15)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2489117-2](#)