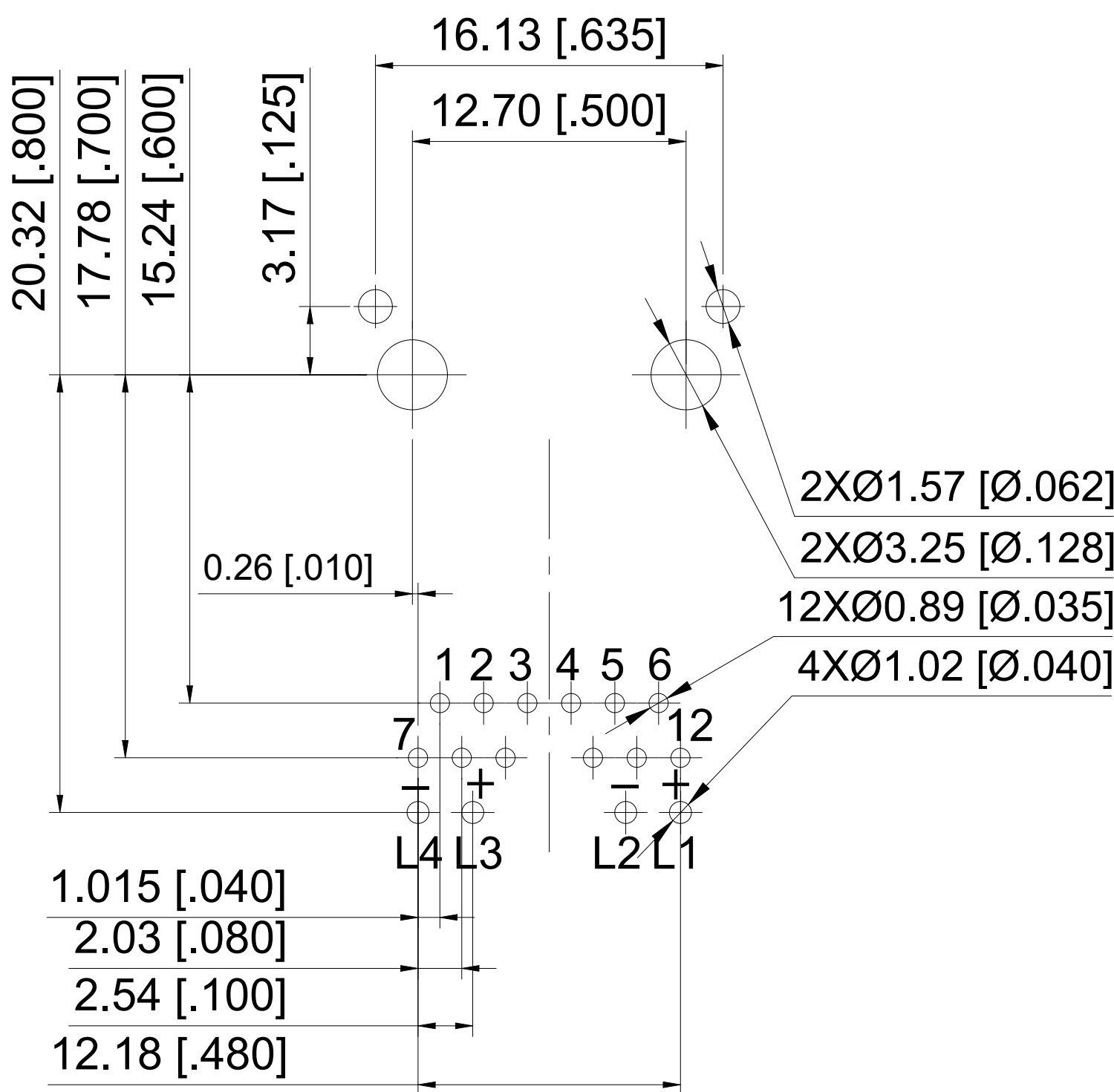
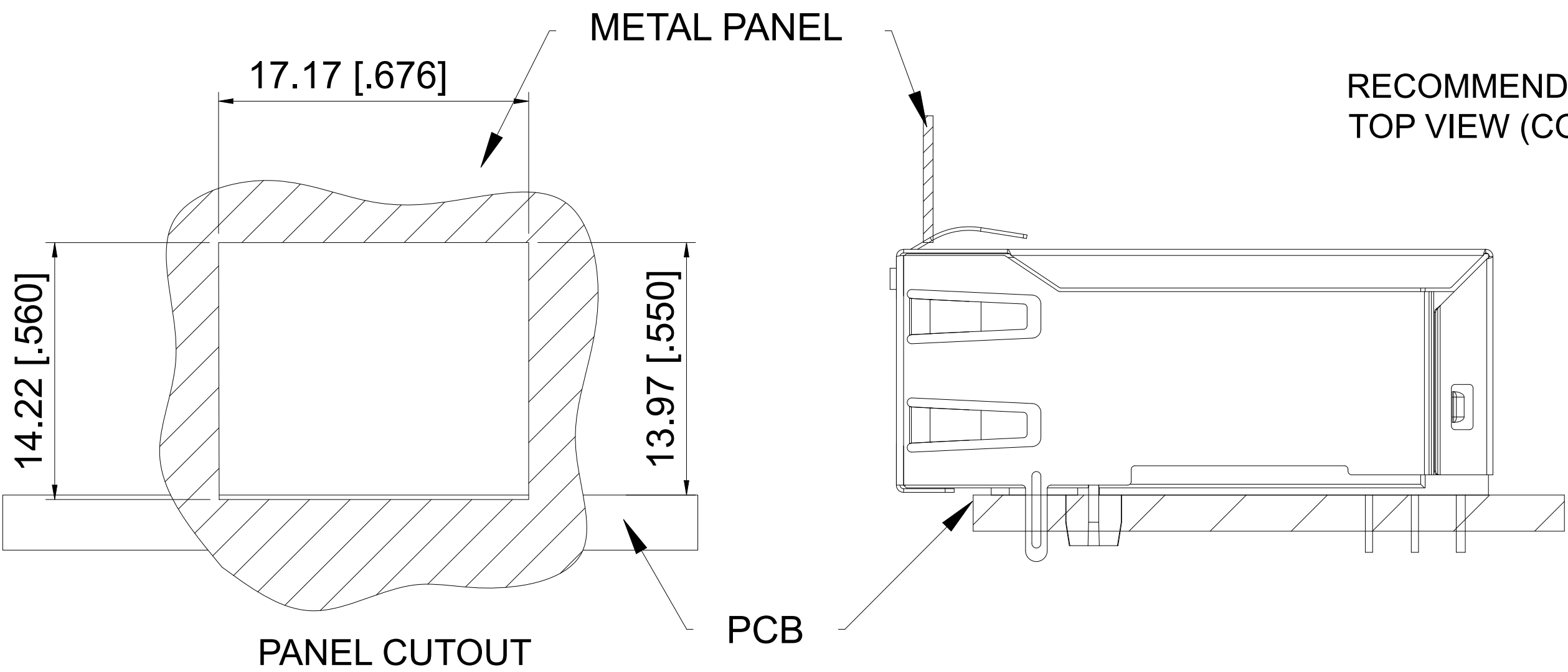
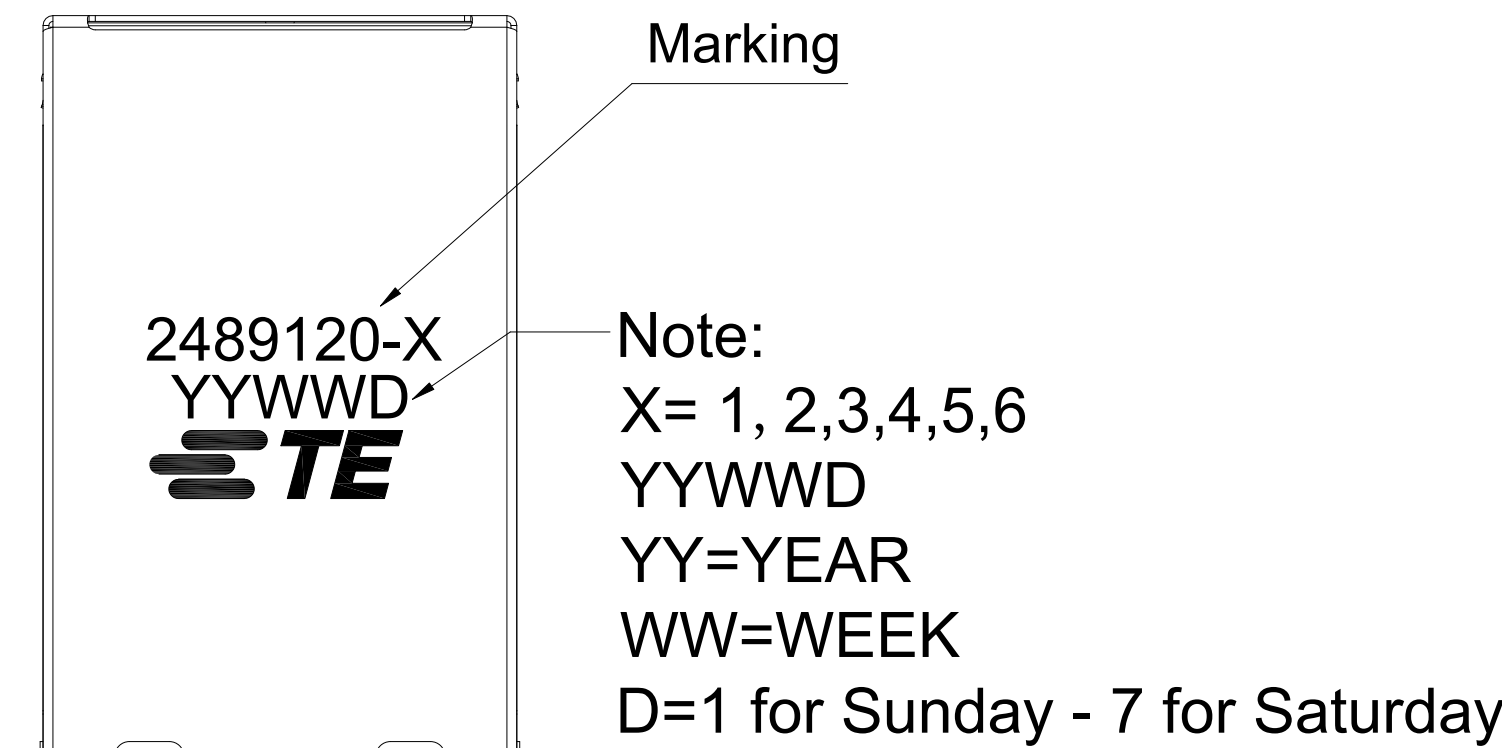
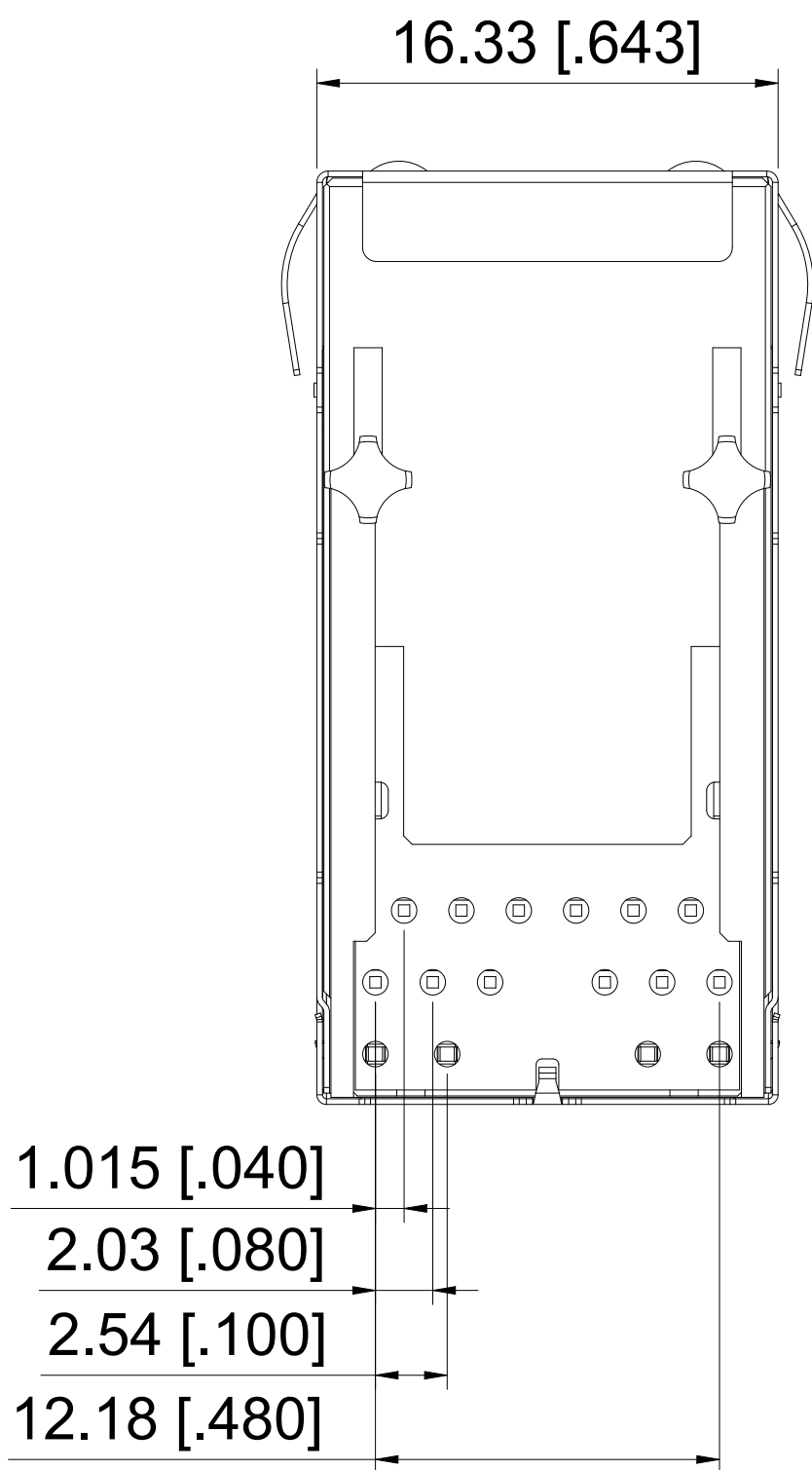
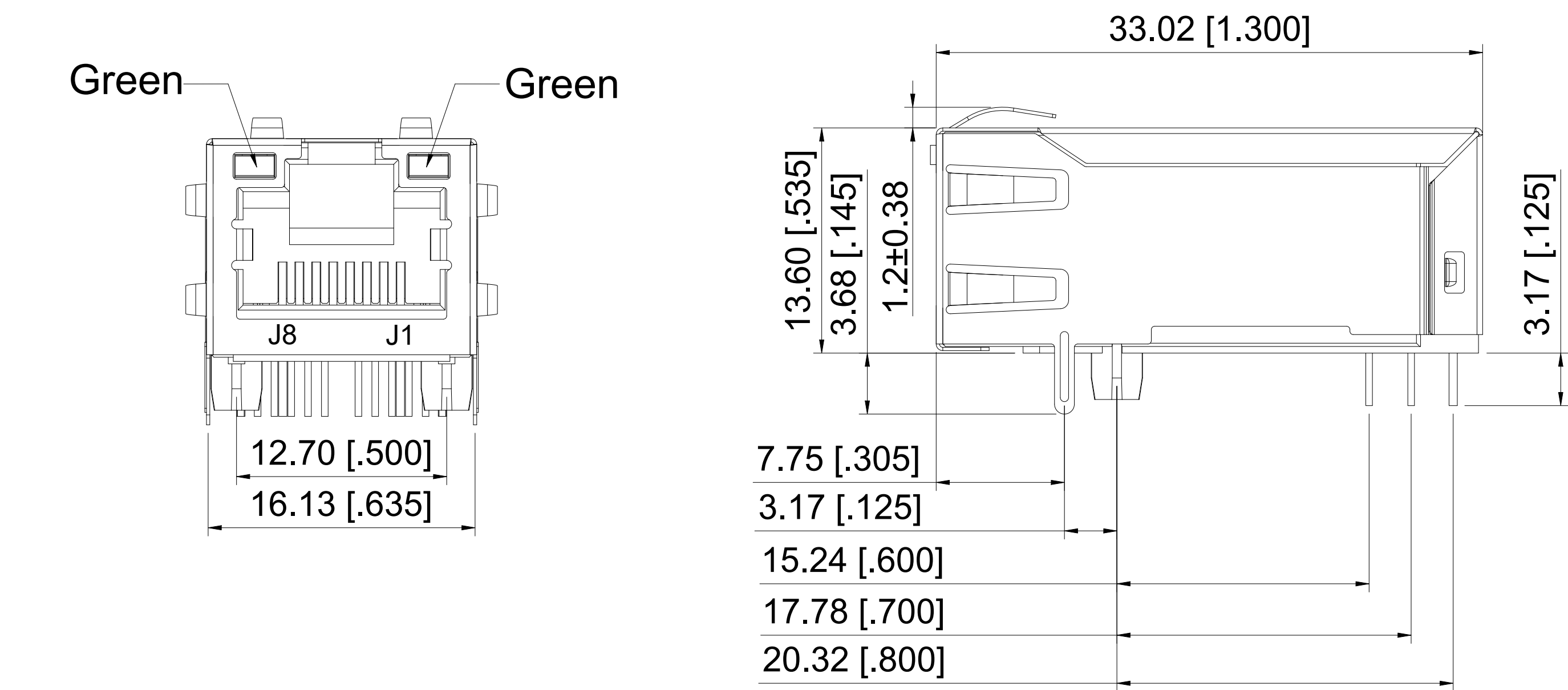


NOTES:

- 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 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.



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

0.04572 μm [1.8μ"]	2489120-6
0.0762 μm [3μ"]	2489120-5
0.1524 μm [6μ"]	2489120-4
0.381 μm [15μ"]	2489120-3
0.762 μm [30μ"]	2489120-2
1.27 μm [50μ"]	2489120-1
GOLD PLATING THICKNESS PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm (INCHES)

0. PLC ± 0.10

1. PLC ± 0.25

2. PLC ± 0.25

3. PLC ± 0.25

4. PLC ± 0.25

ANGLES ± 2

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

PRODUCT SPEC

108-161443

APPLICATION SPEC

114-161076

WEIGHT

-

CUSTOMER DRAWING

SCALE

1:1

SHEET

1

OF

2

REV

A2

SIZE

A1

CAGE CODE

00779

DRAWING NO

2489120

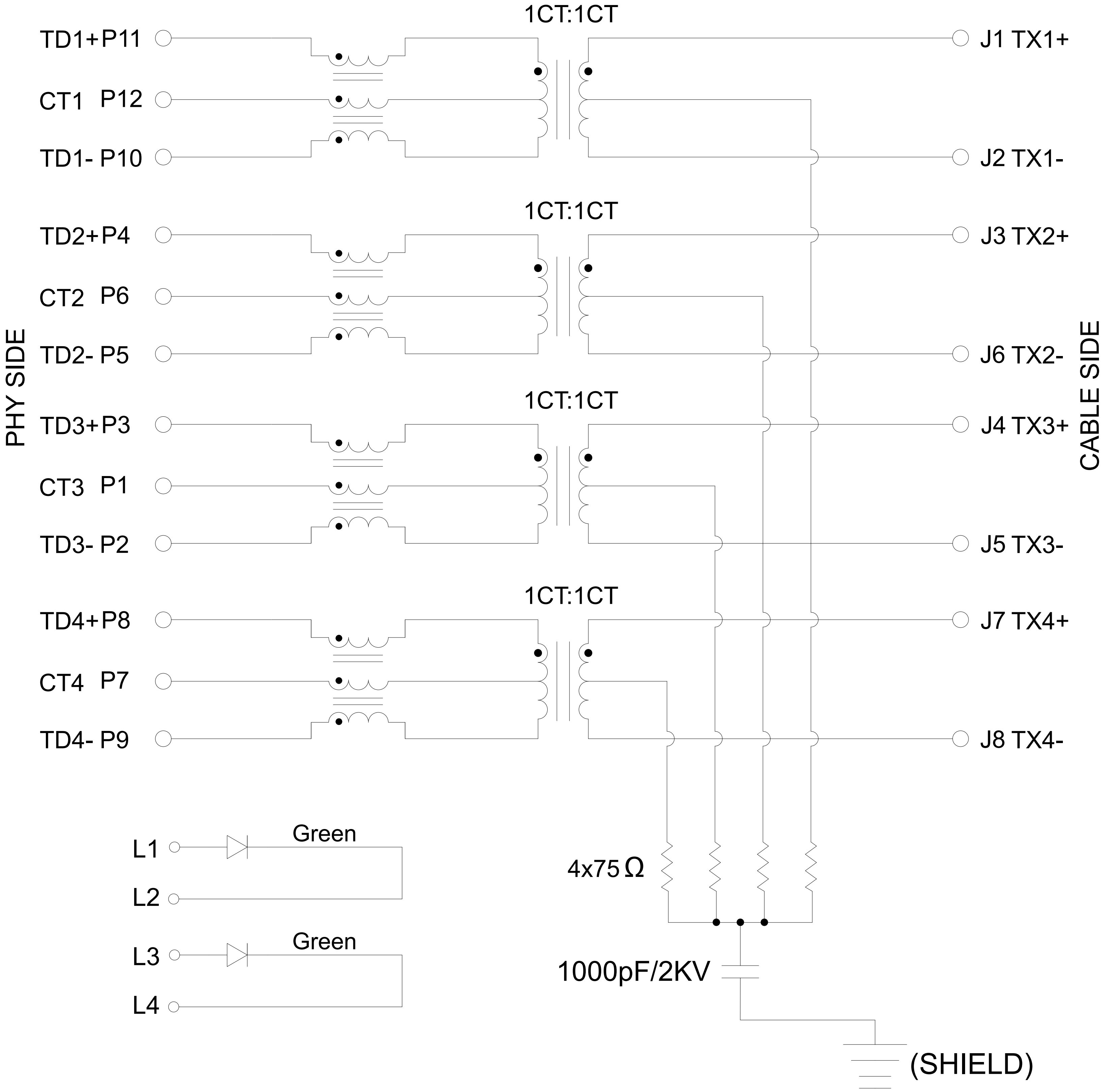
RESTRICTED TO

-

TE Connectivity

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—

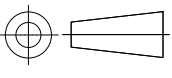
Schematic



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

*WITH A FORWARD CURRENT OF 20mA

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAMESH_KIVADER 13JUN2024	 TE Connectivity	
DIMENSIONS: mm (INCHES)		CHK RAMESH_KIVADER 13JUN2024		
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± 0.10 1. PLC ± 0.25 2. PLC ± 0.25 3. PLC ± ~ 4. PLC ANGLES ± ~ 2	APVD PS SATHISH 13JUN2024	NAME RJ45 1X1 Tab_Up/Through Hole 10/100/1000Base-T W/LED	
		PRODUCT SPEC 108-161443	—	
		APPLICATION SPEC 114-161076	—	
MATERIAL —	FINISH —	WEIGHT —	SIZE A1	CAGE CODE 00779
CUSTOMER DRAWING			SCALE 1:1	SHEET 2 OF 2
			REV A2	REV A2