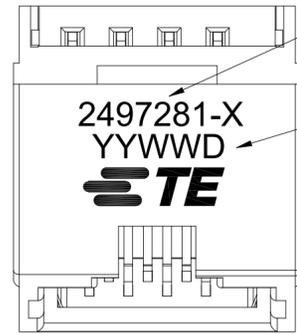


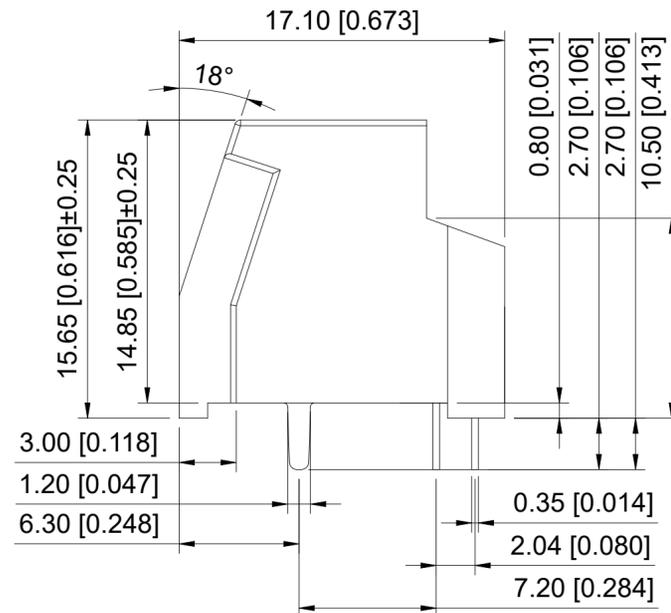
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A		REVISED PER ECN-25-339655	28AUG2025	TR RK



Marking

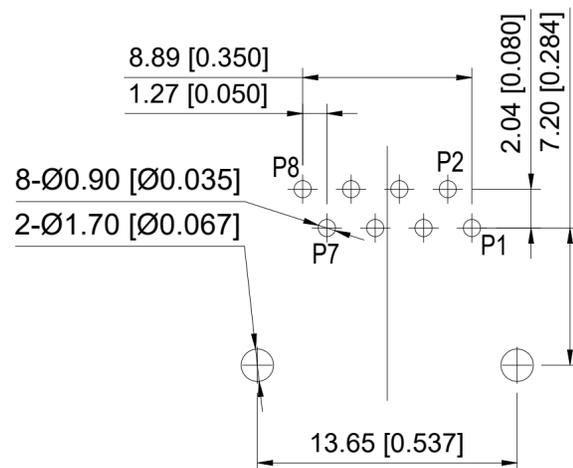
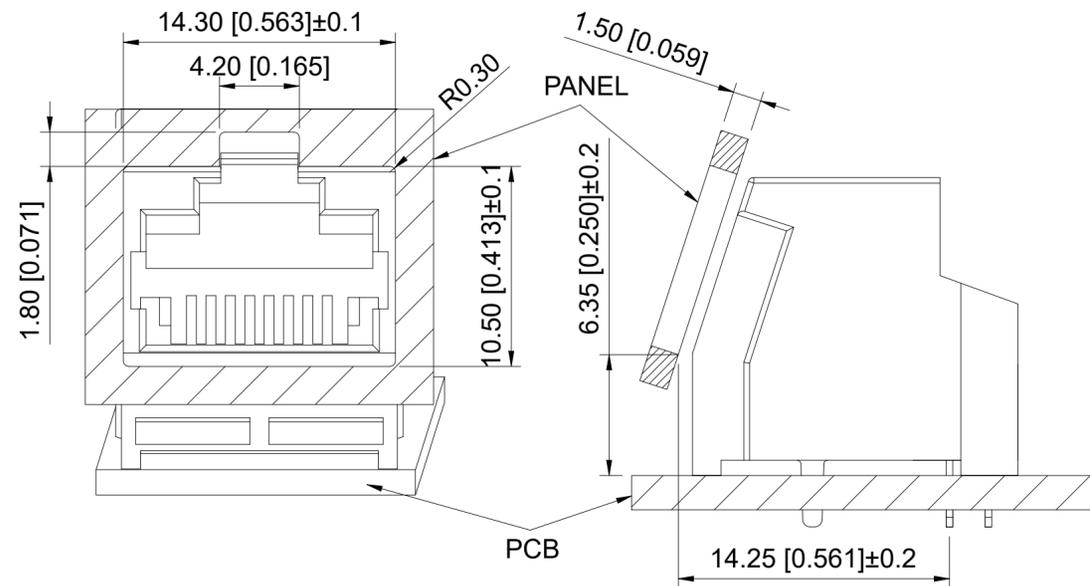
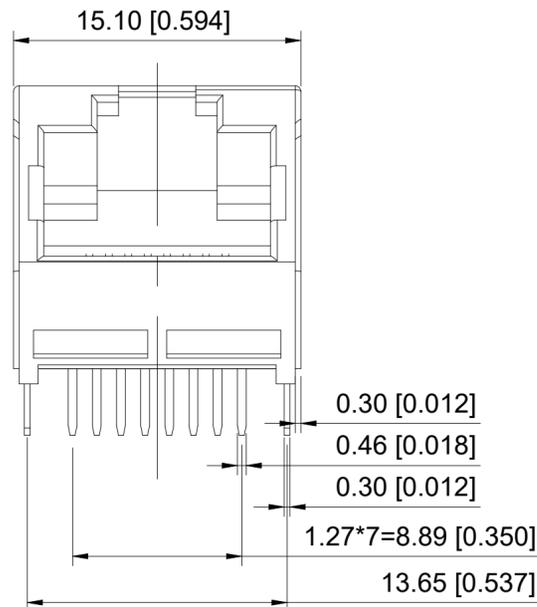
2497281-X
YYWWD
TE

Note:
X= 1, 2,3,4,5,6
YYWWD
YY=YEAR
WW=WEEK
D=1 for Sunday - 7 for Saturday



NOTE :

- HOUSING:GLASS FILLED LCP(BLACK) UL94V-0(RoHS)
- CONTACT : PHOSPHOR BRONZE, 30u MIN. GOLD PLATING IN CONTACT AREA, 100u MIN MATTE TIN PLATED IN SOLDER AREA, 50u MIN. NICKEL UNDER PLATED OVERALL.
- CLIP:BRASS PLATING SN(RoHS)
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
- THE PART IS RECOMMENDED FOR THROUGH HOLE REFLOW PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX,10 SECS MAX.
- OPERATING TEMPERATURE:-40°C TO +85°C.
STORAGE TEMPERATURE:-40°C TO +85°C.
- Electrical Requirement
 - Electrical Voltage:125 VAC RMS.
 - Electrical Current:1.5 AMP.
 - Contact Resistance:40 Milliohms Max.
 - Dielectric withstanding Voltage:500AC.
 - Insulation Resistance:500MΩ Min (500VDC for 2 minutes).
 - Durability:300 Cycles Min.
 - Operating Temperature:-40°C TO +85°C.

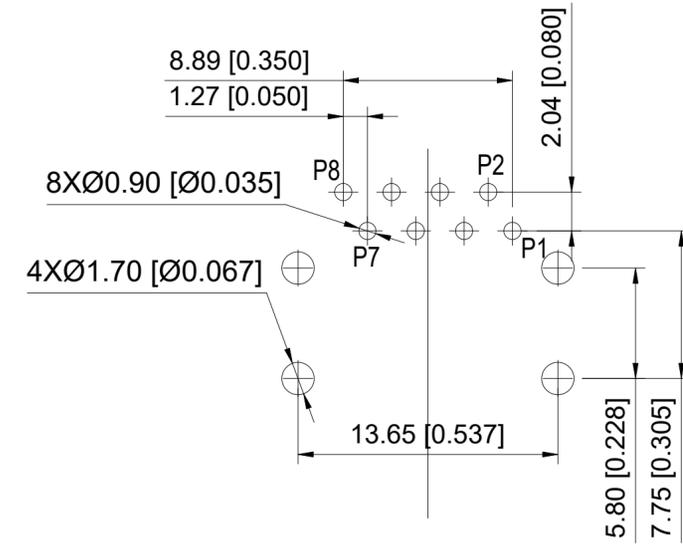
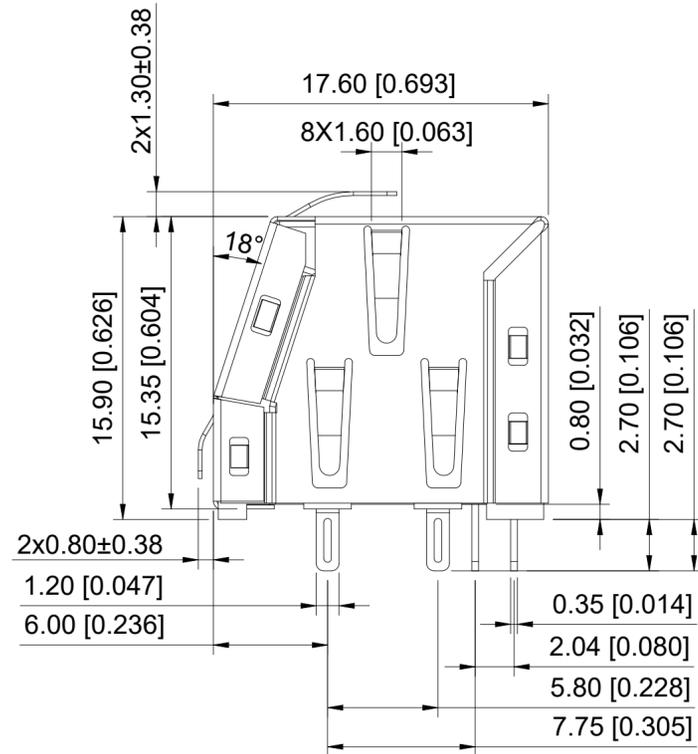
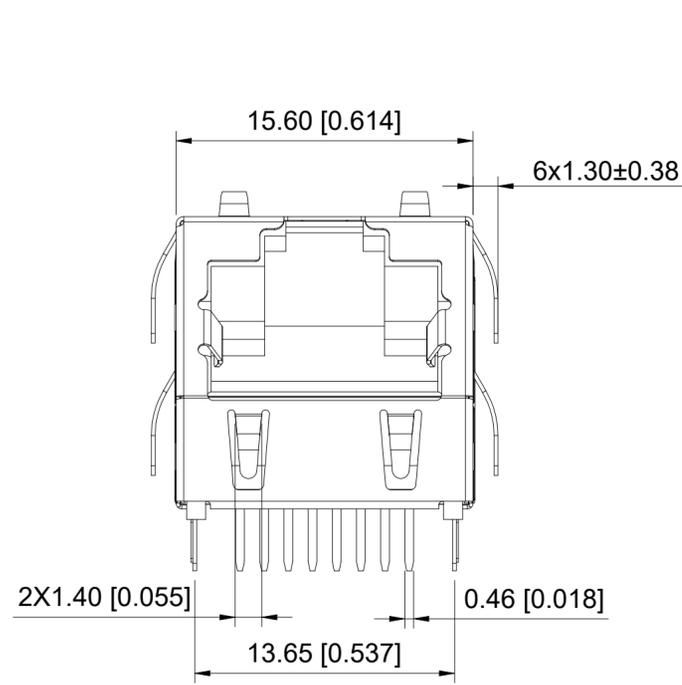


GF	1-2497281-6
0.0762 μm [3μ"]	1-2497281-5
0.1524 μm [6μ"]	1-2497281-4
0.381 μm [15μ"]	1-2497281-3
0.762 μm [30μ"]	1-2497281-2
1.27 μm [50μ"]	1-2497281-1
GF	2497281-6
0.0762 μm [3μ"]	2497281-5
0.1524 μm [6μ"]	2497281-4
0.381 μm [15μ"]	2497281-3
0.762 μm [30μ"]	2497281-2
1.27 μm [50μ"]	2497281-1
GOLD PLATING THICKNESS	PART NUMBER

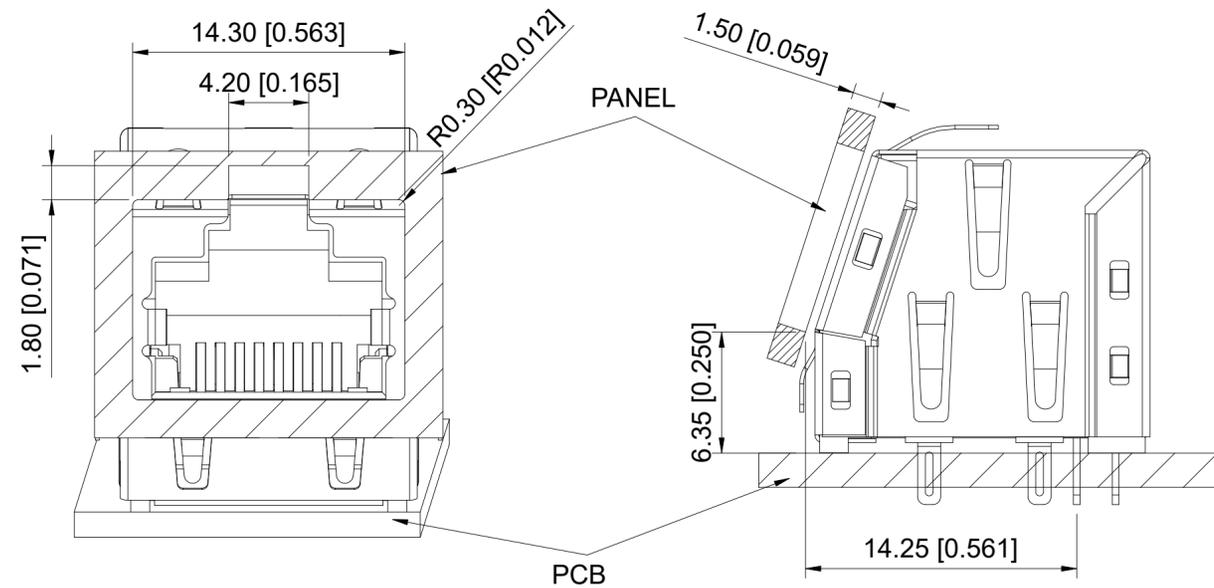
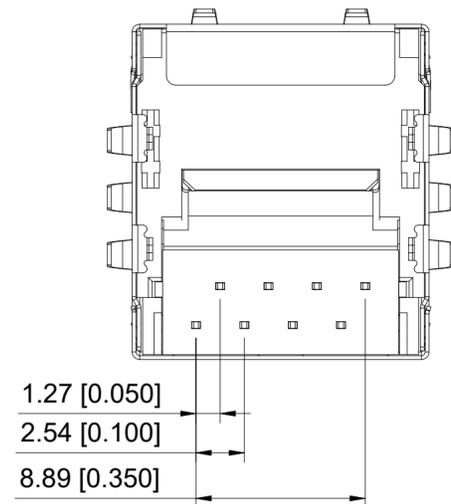
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 11DEC2024	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 11DEC2024	NAME RJ45 1X1 TAB_UP,ANGLED 18°,THROUGH-HOLE PIP,CAT 5E W/O LED & SHIELD,UNSHIELDED	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 11DEC2024	PRODUCT SPEC 108-161621	
0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.15 4 PLC ± ± 2'		APPLICATION SPEC 114-161218	SIZE A2	CAGE CODE 00779
MATERIAL -		FINISH -	DRAWING NO C-2497281	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1	SHEET 1 of 4

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

1-2497281-X



RECOMMENDED P.C.B LAYOUT TOP VIEW
(COMPONENT SIDE TOLERANCE±0.05)

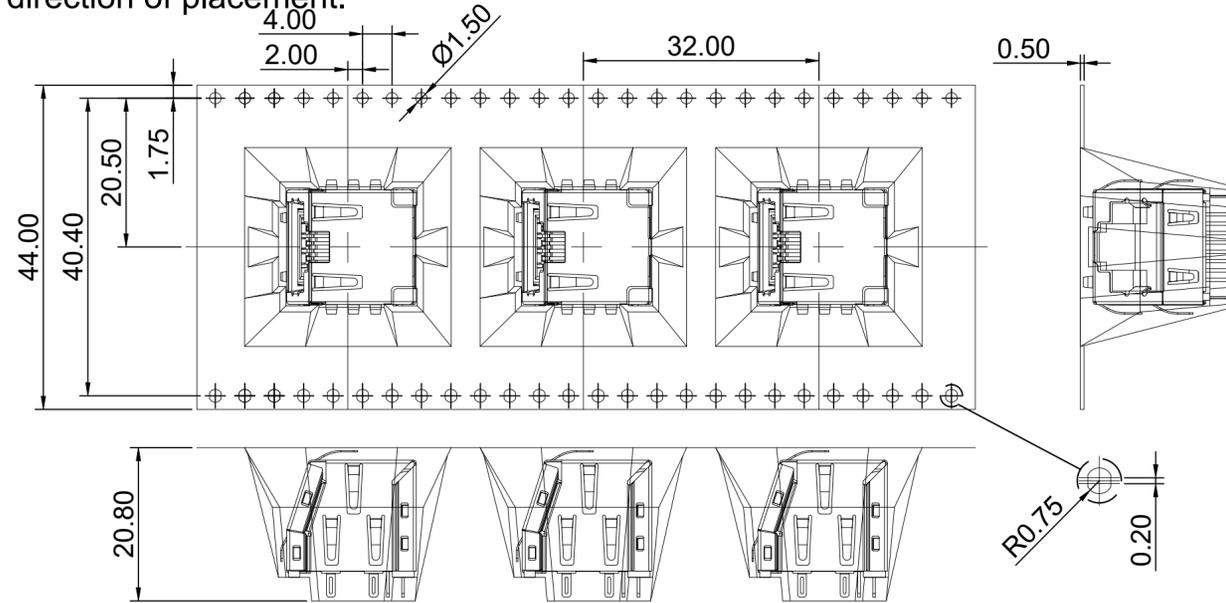


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 11DEC2024		
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 11DEC2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 11DEC2024	NAME RJ45 1X1 TAB_UP, ANGLED 18°, THROUGH-HOLE PIP, CAT 5E W/O LED & SHIELD, UNSHIELDED	
0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.15 4 PLC ± - ± 2° ANGLES		PRODUCT SPEC 108-161621	SIZE A2	
MATERIAL -		APPLICATION SPEC 114-161218	CAGE CODE 00779	DRAWING NO 2497281
FINISH -		WEIGHT -	SCALE 1:1	SHEET 2 of 4
CUSTOMER DRAWING			RESTRICTED TO -	REV A

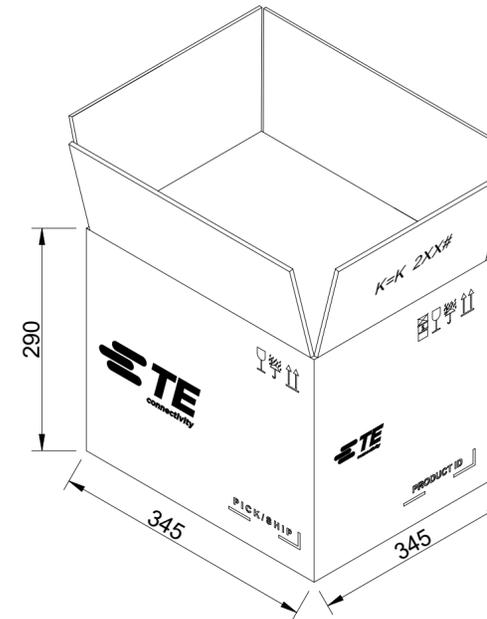
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

Package Specification

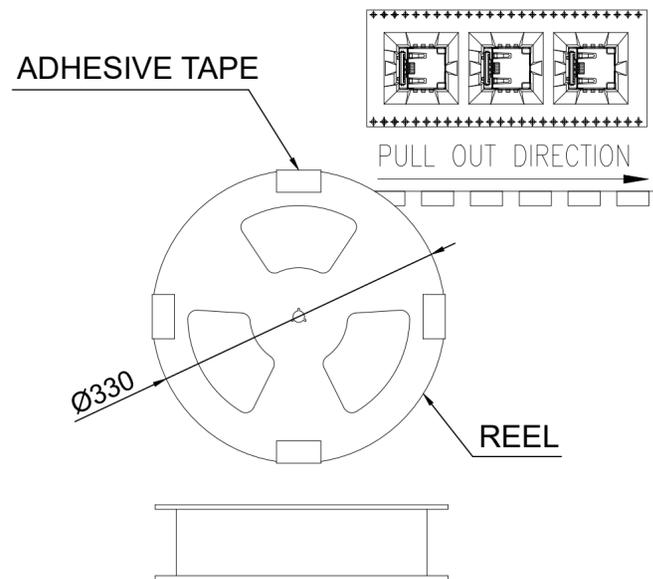
1. Put the finished product of 2497281-X and 1-2497281-X into the special carry belt according to the figure Inside, each box is installed with 1pcs, pay attention to the direction of placement.



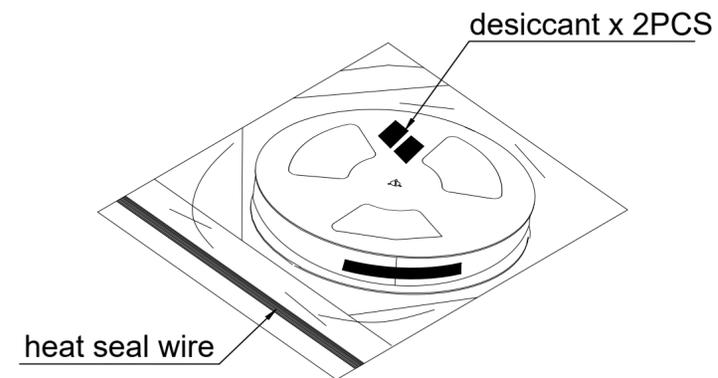
3. First use tape to seal the bottom of the outer box.



2. Fit the finished CARRY tape to the roll tape. Packing quantity: 88PCS/PER REEL, 5REELS(440pcs)/per carton. The initial 8 pcs of empty slots do not place products, and the products are put into carry tape successively. Put 1pcs in each slot. When the number insufficient, it will carry tape and cover tape wrap them together on the reel, leaving 9 pcs empty slots at the end of the reel. The measurement value generated by uncovering the first 50mm of each reel after starting the test will not be included in the statistical range.



4. After the product is wrapped in the reel, attach the required label reel to the appropriate part, and then put the label reel. Put in a vacuum bag and put in two packets of desiccant, then vacuum Packing, as shown below.



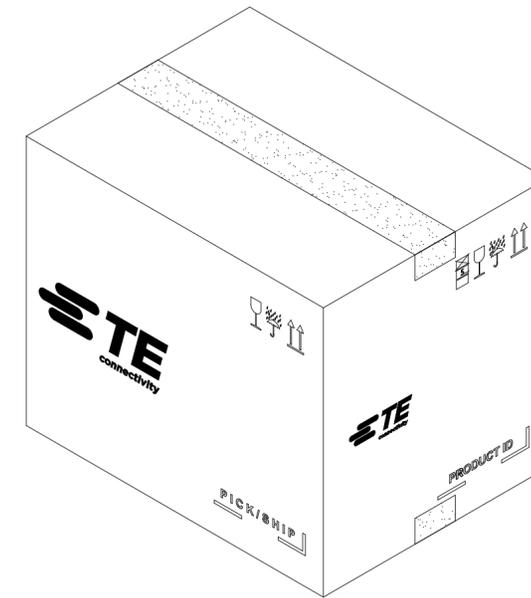
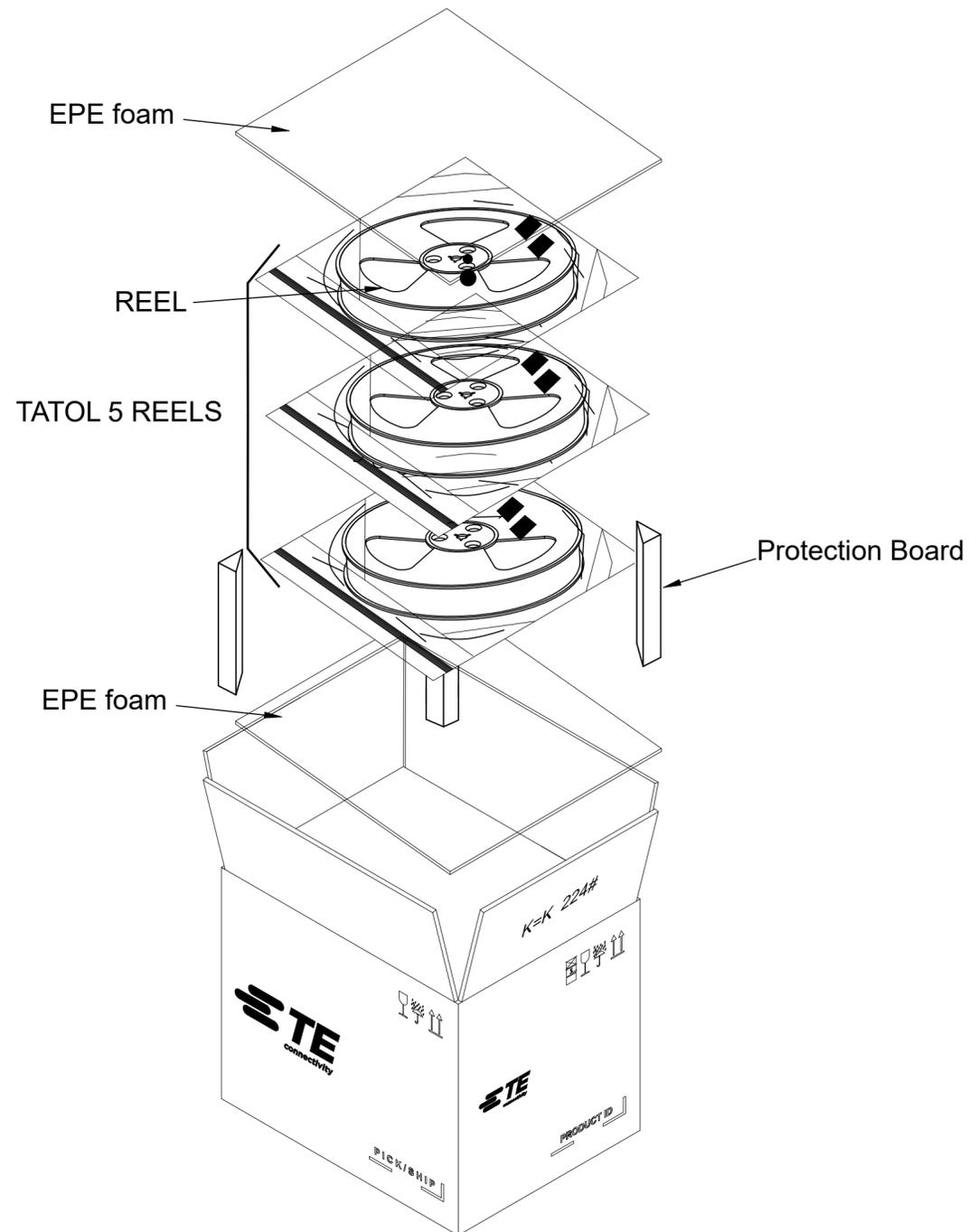
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 11DEC2024		
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 11DEC2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 11DEC2024	NAME RJ45 1X1 TAB_UP, ANGLED 18°, THROUGH-HOLE PIP, CAT 5E W/O LED & SHIELD, UNSHIELDED	
0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.15 4 PLC ± - ± 2° ANGLES		PRODUCT SPEC 108-161621	APPLICATION SPEC 114-161218	
MATERIAL -	FINISH -	WEIGHT -	SIZE A2	CAGE CODE 00779
CUSTOMER DRAWING		DRAWING NO G-2497281		RESTRICTED TO -
		SCALE 1:1	SHEET 3 of 4	REV A

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

Package Specification

5. Put 5 reels that have been packed with vacuum bags into the carton and place them in the carton with the label facing up; (When the reel is placed in the carton, note that the label position of each reel should be placed face up, as shown in the following figure); The bottom and top layers are placed with 1pcs of cardboard, and the corners are placed around them. Finally, the box is sealed with tape.

6. Outer box specifications and outer box label requirements.
(Refer to "Customer Packing Specification" for labels and specifications specified by customers)



Packaging Material List			Packaging Quantity	
Material Name	Material P/N	Quantity		
REEL	304006-00001	5 PCS	PCS/REEL	88 PCS/REEL
CARRY	304003-XXXXX	3. 36m/88PCS	PCS/CTN	440 PCS/CTN
TAPE	304004-00007	3. 4m/88PCS		
PE bag	502005-00019	5 PCS		
Desiccant	502005-00078	10 PCS		
EPE foam	502005-02946	2 PCS		
Protection Board	502005-00116	4 PCS		
XXX# Carton	304001-XXXXX	1 PCS		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 11DEC2024	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 11DEC2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.15 4 PLC ± - ± 2'		APVD RAGHAVAN, CG 11DEC2024	NAME RJ45 1X1 TAB_UP, ANGLED 18°, THROUGH-HOLE PIP, CAT 5E W/O LED & SHIELD, UNSHIELDED	
MATERIAL		PRODUCT SPEC 108-161621	SIZE A2	CAGE CODE 00779
		APPLICATION SPEC 114-161218	DRAWING NO G-2497281	RESTRICTED TO -
		FINISH	SCALE 1:1	SHEET 4 of 4
			CUSTOMER DRAWING	REV A