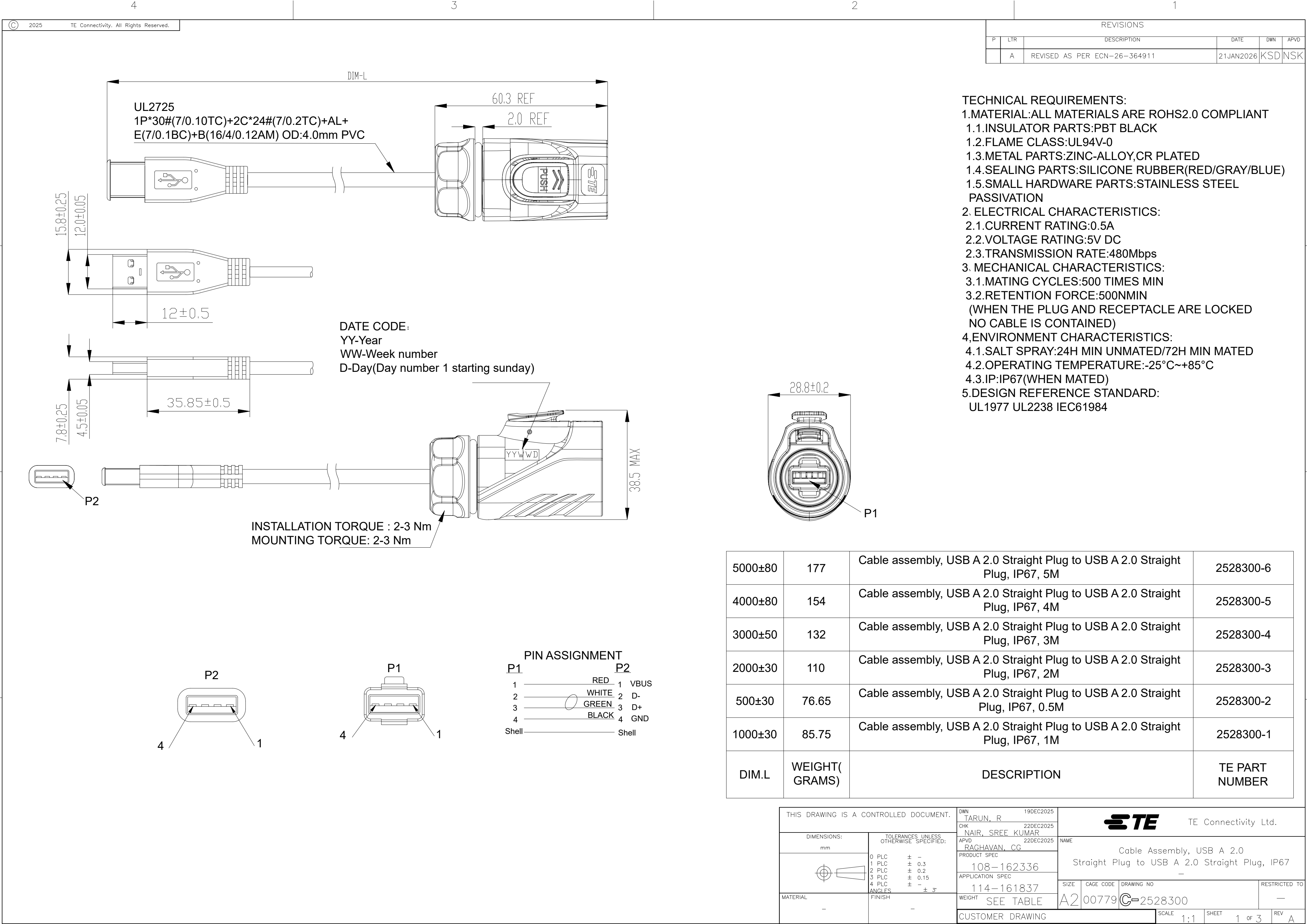




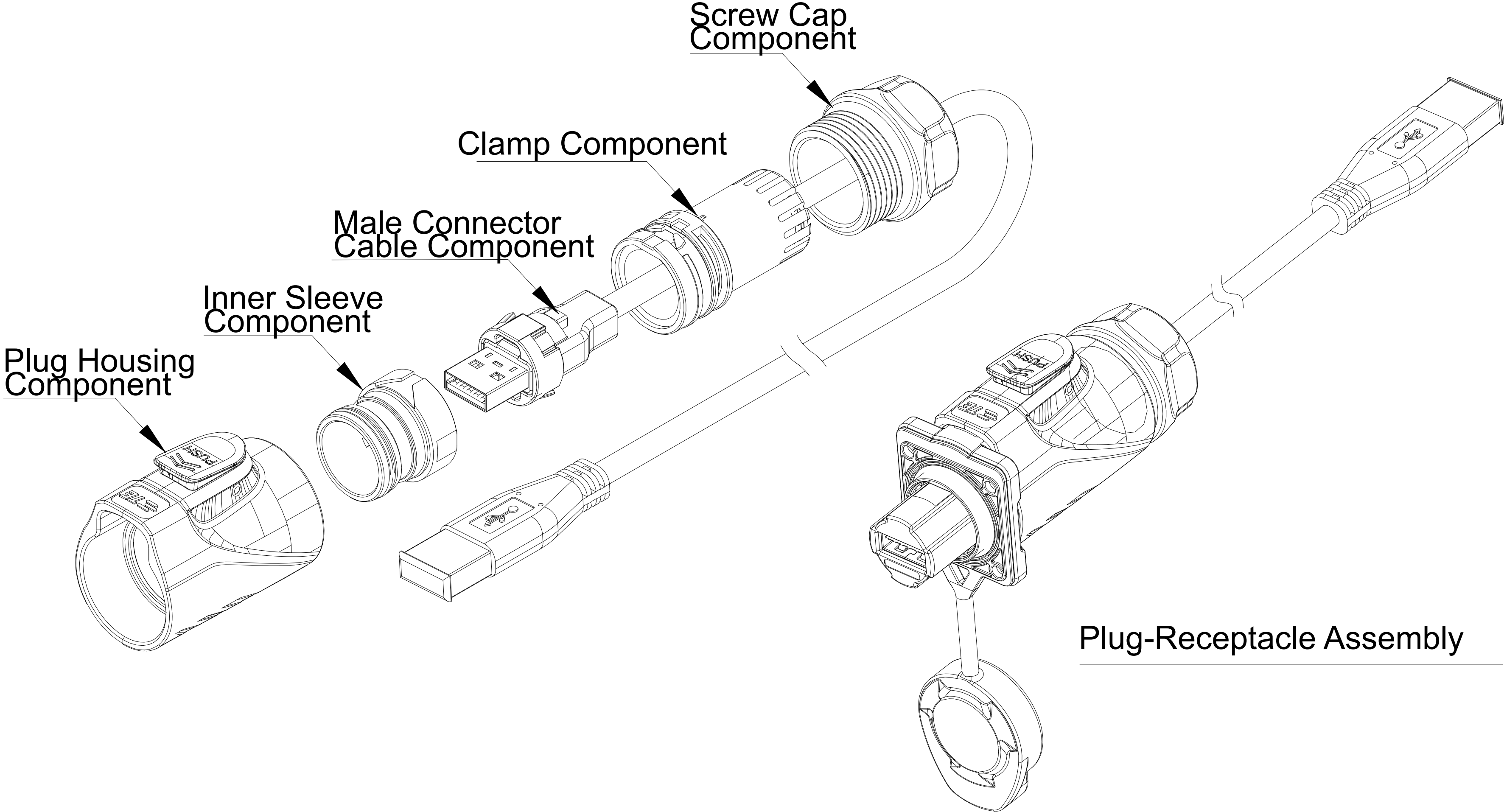
TECHNICAL REQUIREMENTS:

- 1.MATERIAL:ALL MATERIALS ARE ROHS2.0 COMPLIANT
- 1.1.INSULATOR PARTS:PBT BLACK
- 1.2.FLAME CLASS:UL94V-0
- 1.3.METAL PARTS:ZINC-ALLOY,CR PLATED
- 1.4.SEALING PARTS:SILICONE RUBBER(RED/GRAY/BLUE)
- 1.5.SMALL HARDWARE PARTS:STAINLESS STEEL PASSIVATION
2. ELECTRICAL CHARACTERISTICS:
 - 2.1.CURRENT RATING:0.5A
 - 2.2.VOLTAGE RATING:5V DC
 - 2.3.TRANSMISSION RATE:480Mbps
3. MECHANICAL CHARACTERISTICS:
 - 3.1.MATING CYCLES:500 TIMES MIN
 - 3.2.RETENTION FORCE:500NMIN(WHEN THE PLUG AND RECEPTACLE ARE LOCKED NO CABLE IS CONTAINED)
- 4.ENVIRONMENT CHARACTERISTICS:
 - 4.1.SALT SPRAY:24H MIN UNMATED/72H MIN MATED
 - 4.2.OPERATING TEMPERATURE:-25°C~+85°C
 - 4.3.IP:IP67(WHEN MATED)
- 5.DESIGN REFERENCE STANDARD:
UL1977 UL2238 IEC61984

5000±80	177	Cable assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 5M	2528300-6
4000±80	154	Cable assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 4M	2528300-5
3000±50	132	Cable assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 3M	2528300-4
2000±30	110	Cable assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 2M	2528300-3
500±30	76.65	Cable assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 0.5M	2528300-2
1000±30	85.75	Cable assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 1M	2528300-1
DIM.L	WEIGHT(GRAMS)	DESCRIPTION	TE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 19DEC2025	 TE Connectivity Ltd.	
DIMENSIONS: mm		CHK NAIR, SREE KUMAR 22DEC2025		
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 22DEC2025	NAME Cable Assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67	
0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.15 4 PLC ± - ANGLES ± 3°		PRODUCT SPEC 108-162336 APPLICATION SPEC 114-161837	SIZE A2	
MATERIAL -		WEIGHT SEE TABLE	CAGE CODE 00779	
FINISH -		DRAWING NO C=2528300		RESTRICTED TO -
CUSTOMER DRAWING		SCALE 1:1	SHEET 1 of 3	REV A

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

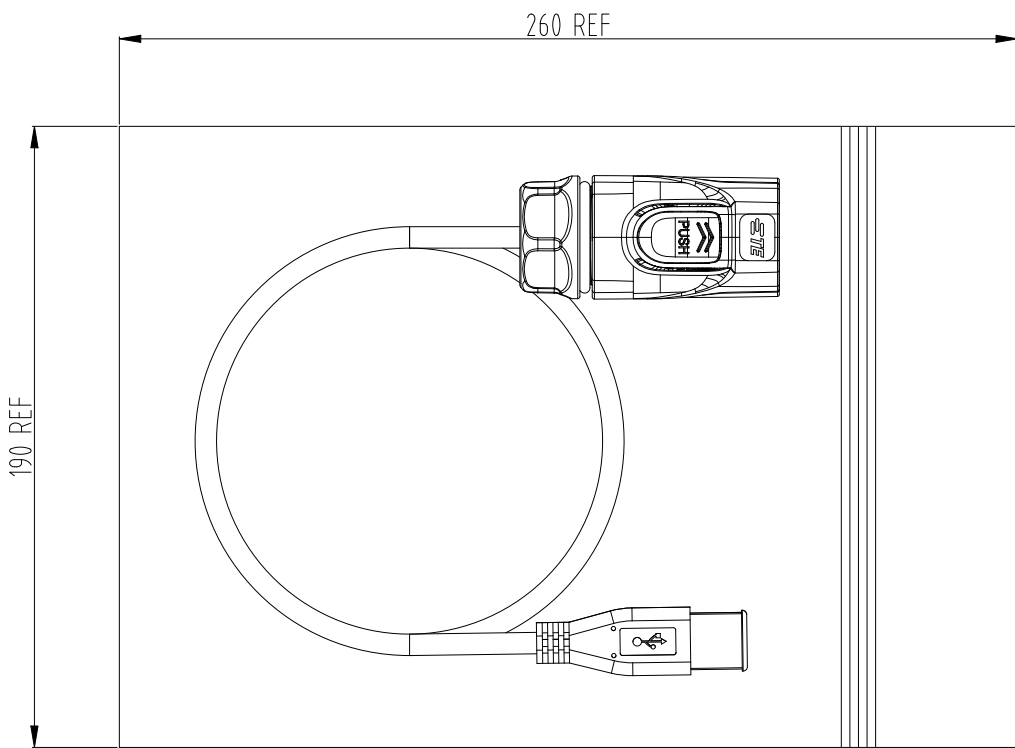


Plug-Receptacle Assembly

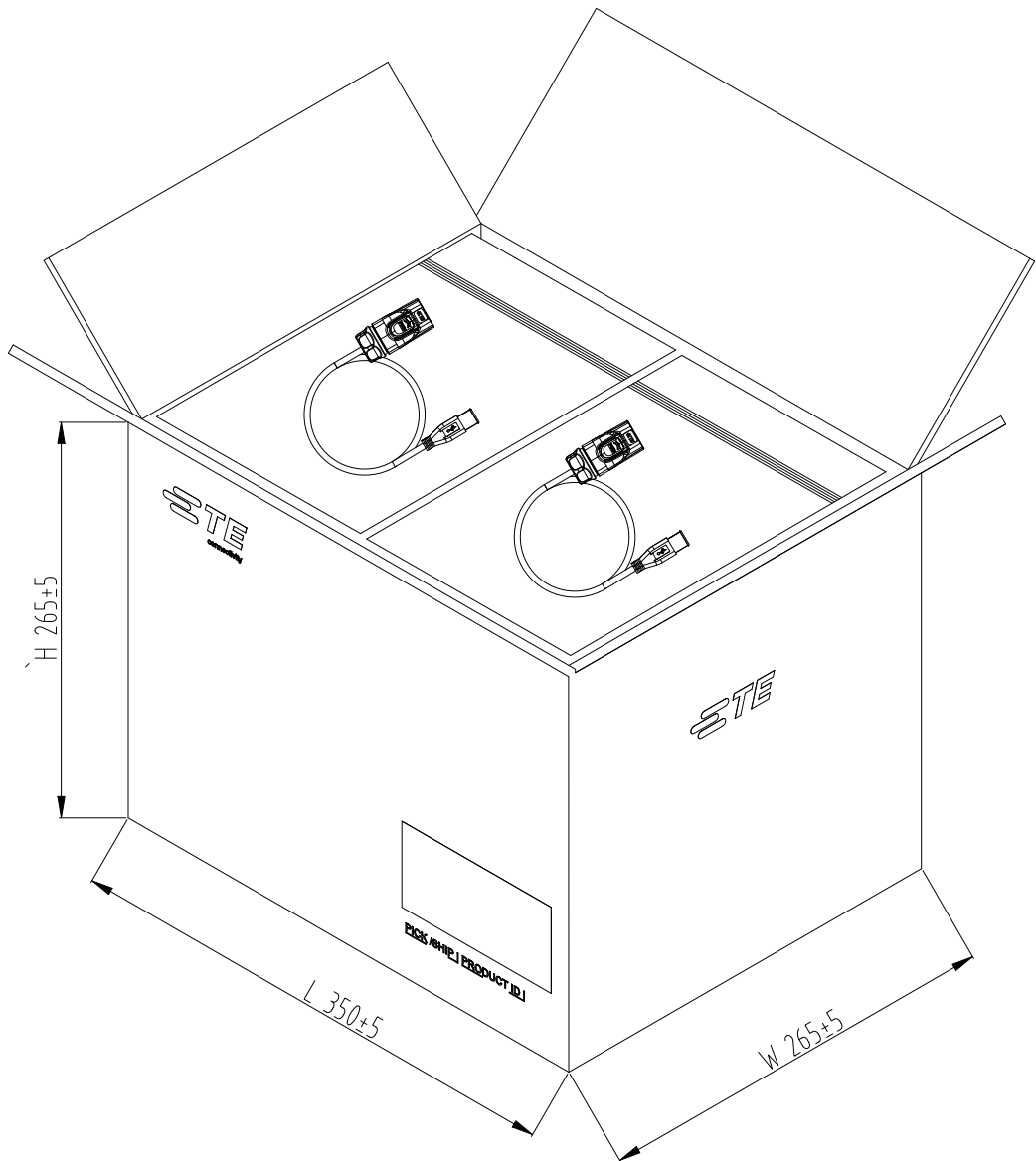
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 19DEC2025	TE Connectivity Ltd.		
DIMENSIONS: mm		CHK NAIR, SREE KUMAR 22DEC2025			
		APVD RAGHAVAN, CG 22DEC2025	NAME Cable Assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67		
		PRODUCT SPEC 108-162336	—		
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-161837	SIZE A2	CAGE CODE 00779	DRAWING NO C=2528300
MATERIAL —		WEIGHT SEE TABLE	RESTRICTED TO —		
FINISH —		CUSTOMER DRAWING	SCALE 1:1	SHEET 2 OF 3	REV A

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

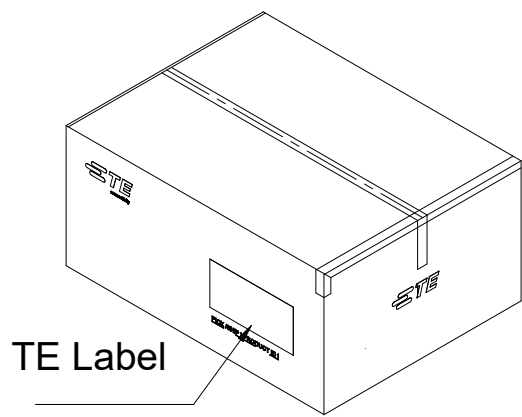
The packaging specifications are applicable to the following part numbers.: 2528300-X



1.Put the finished products in the packaging bag according to the diagram,1 pieces per packaging bag



2.Put packaging bag into outer box, Stack the packaging bag containing the packaged products, 2 cardboards, according to the diagram. And then seal the packaging bag and outer box.
Quantity of products per box: 50 pieces.



(N.W.: XX.XXKg)

3.Confirm the label content and stick the label in the designated place.

PACKING MATERIAL LIST

Name	Quantity (PCS)	Specification
Outer Box	1	L350*W265*H1265mm Print TE LOGO material:K=K plus
Packaging bag	1	750mm*480mm×0.05mm Opening for 480mm
Card Board	2	335*250*6mm B3C
Label	1	See TE label
Packaging bag	50	260mm*190mm×0.05mm

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 19DEC2025		 TE Connectivity Ltd.					
		CHK NAIR, SREE KUMAR 22DEC2025							
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME Cable Assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67 —					
		APVD RAGHAVAN, CG 22DEC2025							
		PRODUCT SPEC 108—162336		SIZE A2					
MATERIAL —		APPLICATION SPEC 114—161837				CAGE CODE 00779			
		WEIGHT SEE TABLE		DRAWING NO C=2528300		RESTRICTED TO —			
FINISH —		CUSTOMER DRAWING		SCALE 1:1		SHEET 3 of 3		REV A	