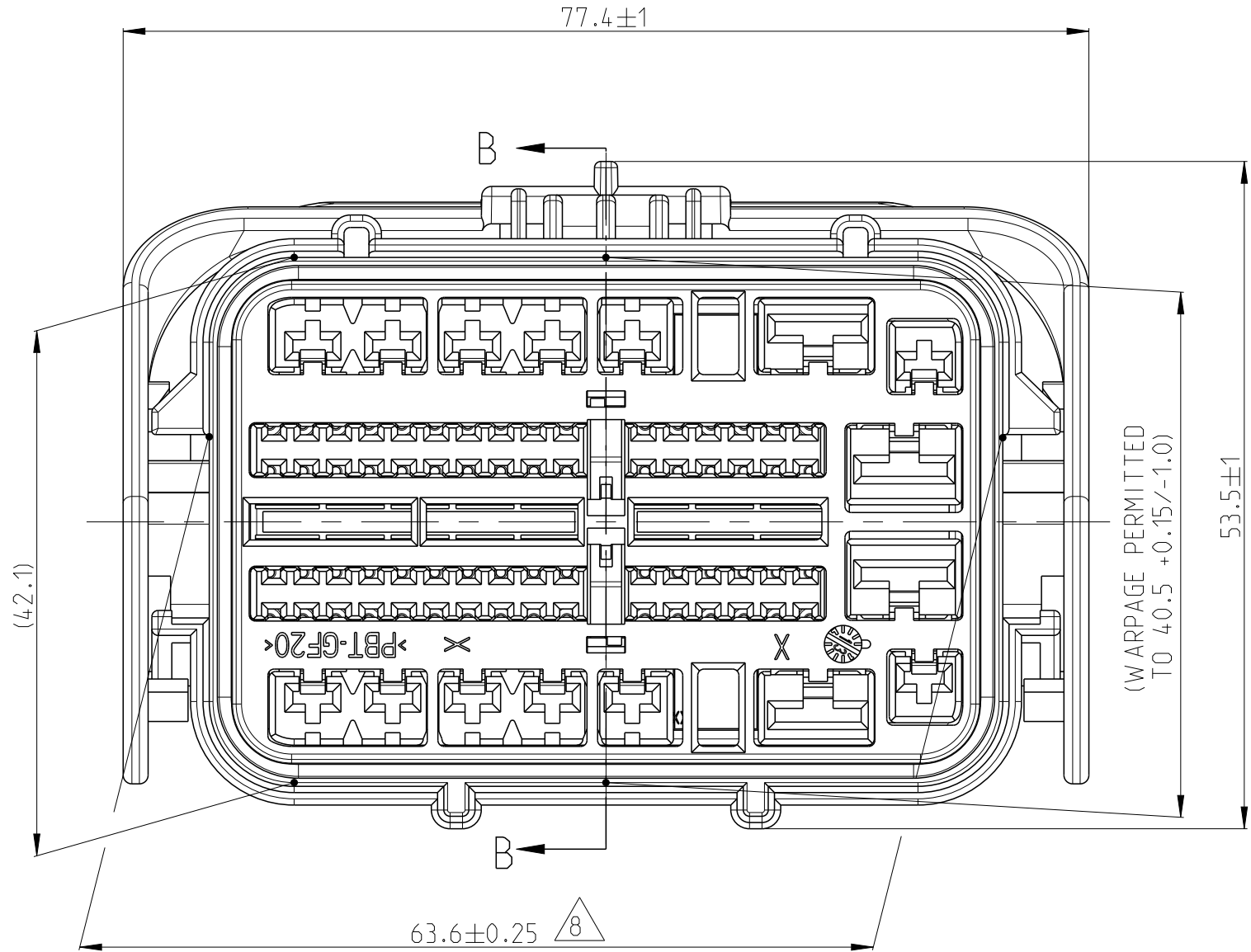
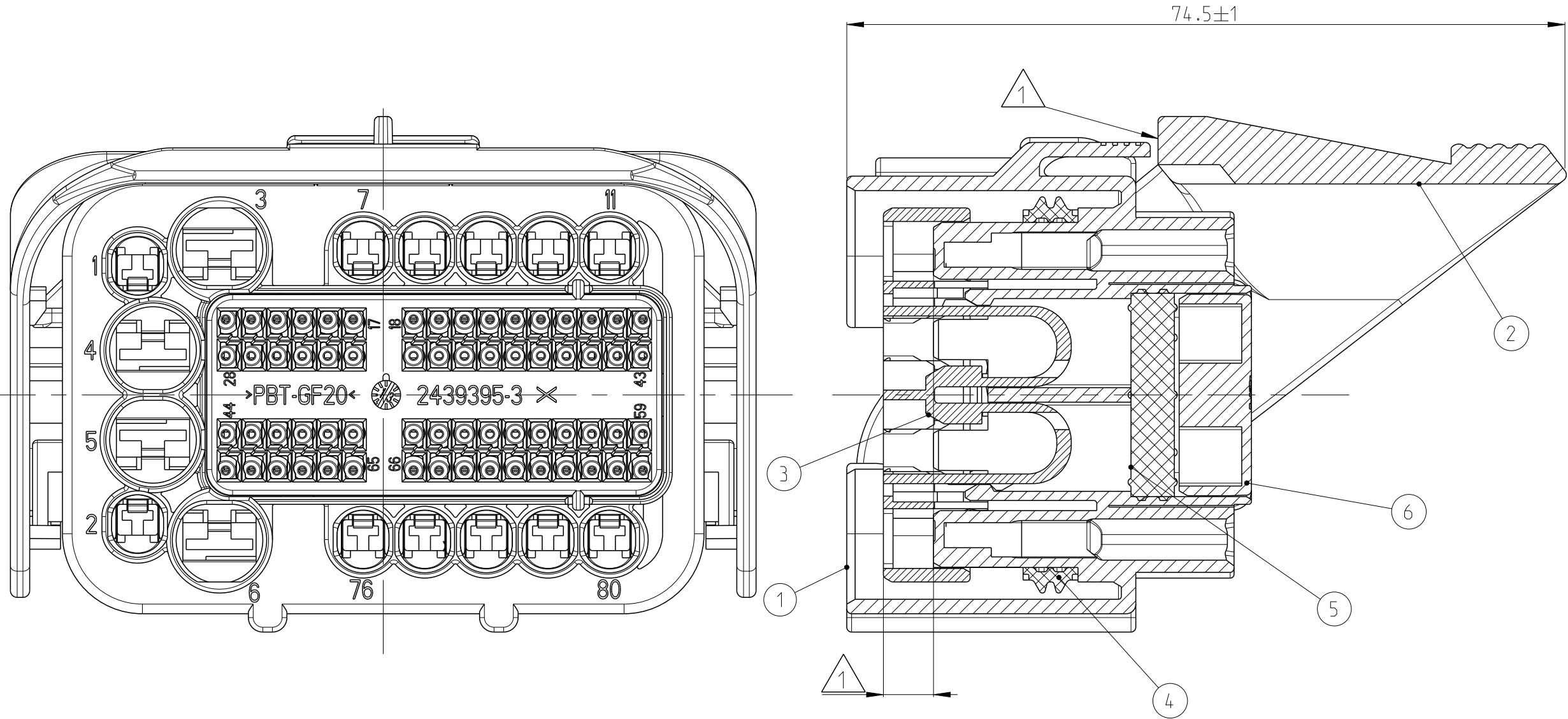
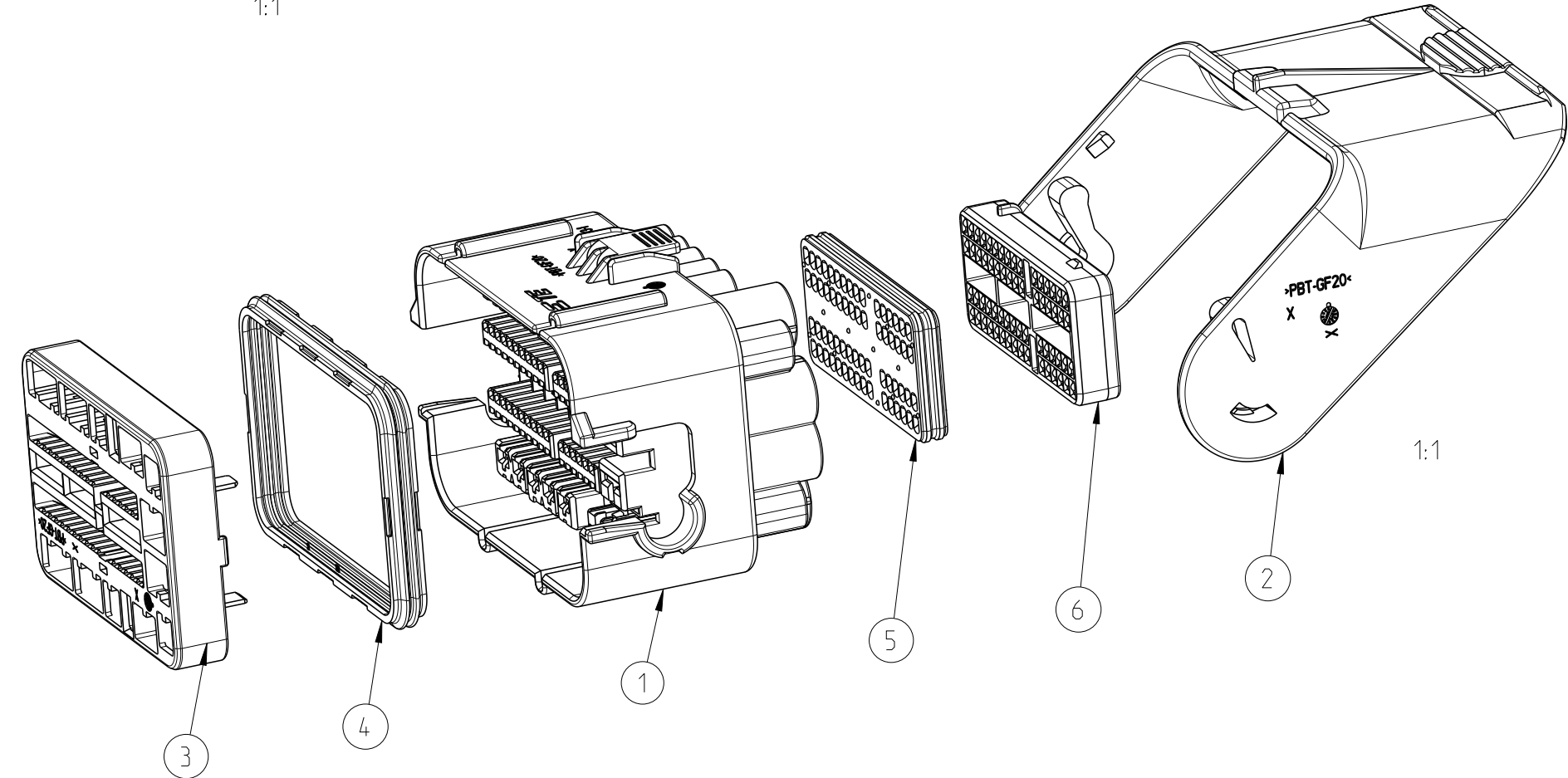
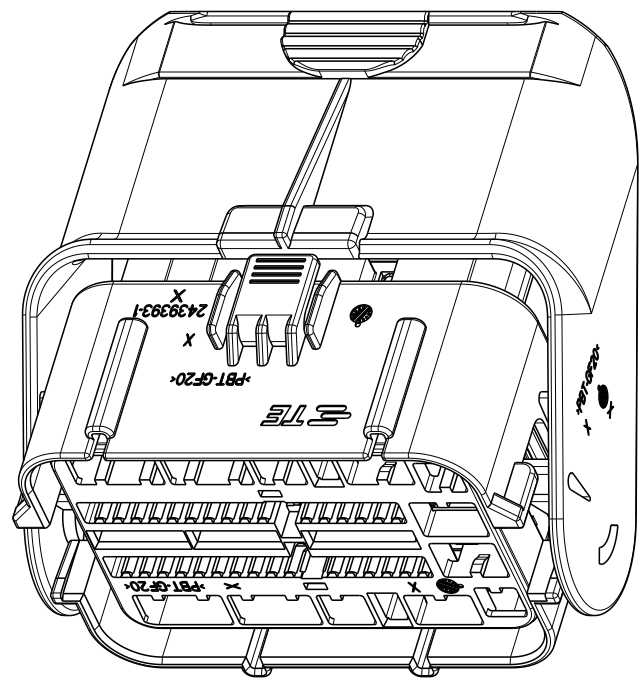


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	17NOV2022	A.X	J.Z
	A1	ECN-23-193505	11JAN2023	A.X	J.Z
	A2	ECN-24-270386	19JUN2024	SDT	J.Z

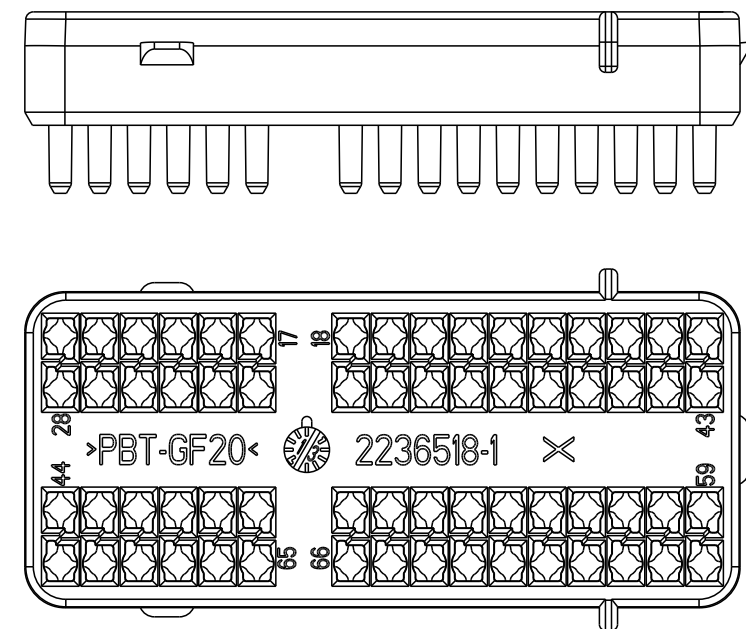
SHOWN 9-2438824-9

NOTES A2

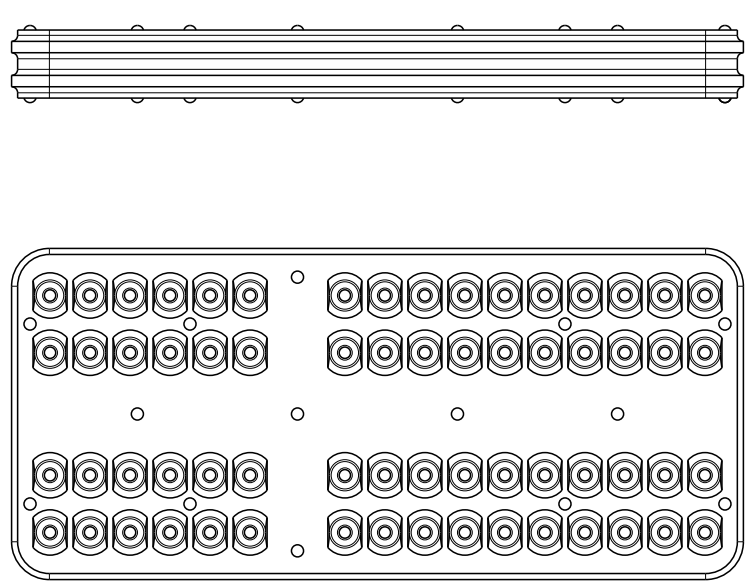
- 1 DELIVERY CONDITION: SPACER (TPA) IN PRE-LOCK POSITION, LEVER IN END-LOCK POSITION
- 2 9-2438824-9 IS THE ASEMBLY PART WITH ALL CAVITIES OPENED.
- 3 2-2438824-1 IS USED TOGETHER WITH THESE COMPONENTS:
MAT SEAL : 2236521-1
MAT SEAL COVER (ALL CAVITIES CLOSED) :2236518-1
CUSTOMER NEED TO PUNCH HOLES ACC. TO IT'S ACTUAL REQUIREMENT AND ASSEMBLE THESE PARTS.
- 4 MATING PART 2438825
- 5 SEALING FUNCTION OF THE MAT SEAL REQUIRES FOLLOWING WIRE SIZE DIMENSIONS:
0.35mm²-0.75mm² WITH CABLE OUTER DIAMETER 1.2-1.9mm FOR 0.64mm GENERATION Y SIGNAL TERMINALS
- 6 ONLY FOR INFORMATION. CHECK LATEST REVISION OF THE SUPPLIER SPECIFICATION FOR TERMINAL PROPERTIES
- 7 CONNECTOR VALIDATED TO USCAR2 REV. 6 (VIBRATION CLASS 1 AND TEMPERATURE CLASS 3) EXCEPT:
5.4.1 -MAXIMUM INSERTION FORCE FOR 0.64 GENERATION Y TERMINALS <30N
5.4.3 -CONNECTOR WITH FULLY POPULATED CONTACT CAVITIES <95N
-CONNECTOR WITHOUT YAZAKI 6.3 TERMINALS <=85N
5.6.1 -TEST PASSED EXCEPT FOR YAZAKI 6.3 TERMINALS (CRIMP RESISTANCE)
5.6.2 -TEST PASSED EXCEPT FOR YAZAKI 6.3 TERMINALS (CRIMP RESISTANCE)
- 8 WARPAGE MAX. -0.5mm ALLOWED



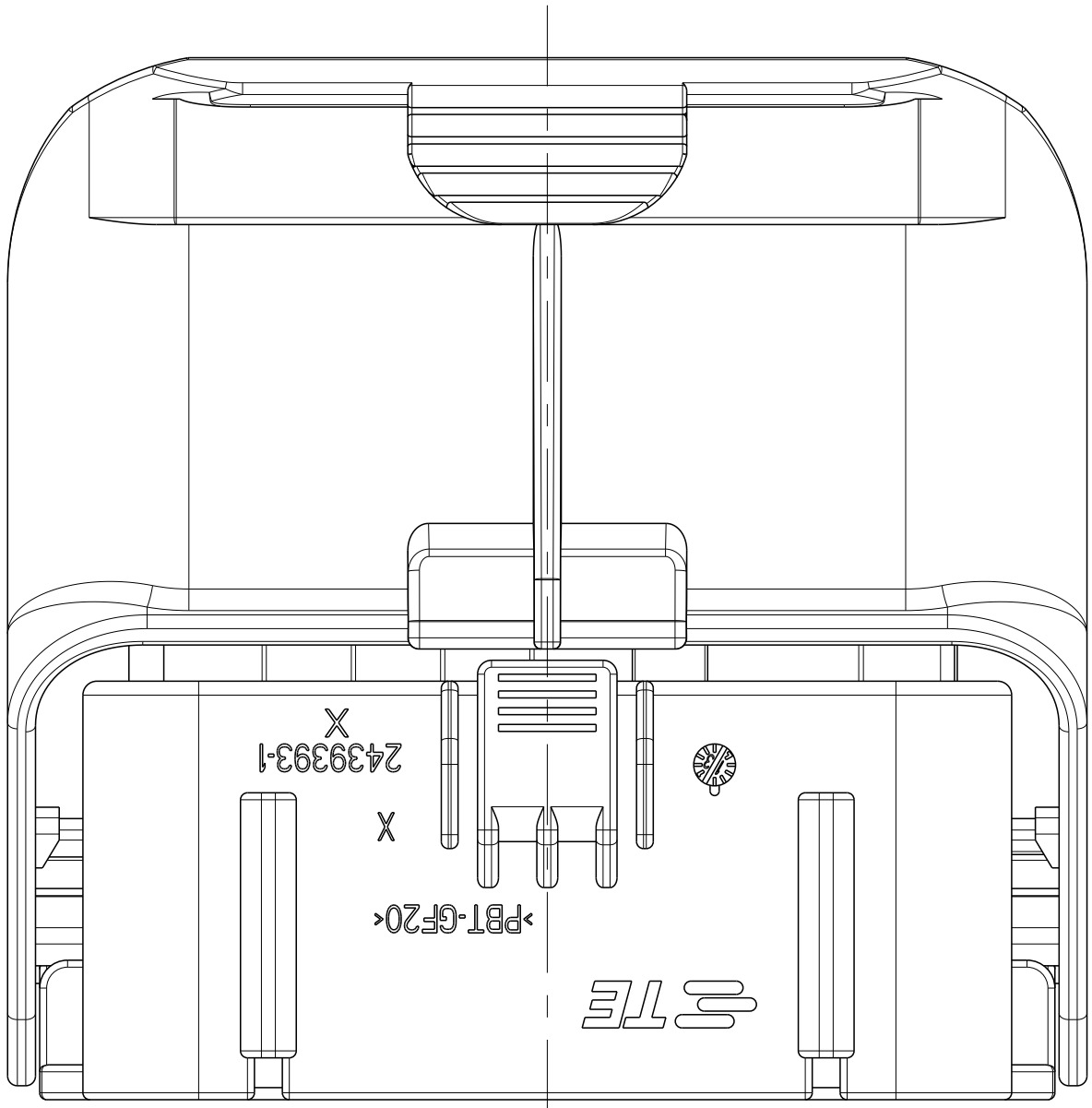
MATSEAL-COVER PN 2236518-1 A3



MATSEAL PN 2236521-1 A3



APPLICABLE COMPONENTS BOX					
DESCRIPTION	PLATING /COLOUR	SUPPLIER	SUPPLIER PART NO. (WIRE SIZE)	TE APPL. SPEC. TE PROD. SPEC.	APPL. CONTACT CAVITY NUMBER
0.64 GENERATION Y UNSEALED FEMALE TERMINAL	TIN	TE	2035334-1 (0.35-0.5mm ²)	114-13183	12-75
0.64 GENERATION Y UNSEALED FEMALE TERMINAL	TIN	TE	2035334-2 (0.75mm ²)	114-13183	12-75
0.64 GENERATION Y UNSEALED FEMALE TERMINAL	TIN	TE	2035334-3 (0.35-0.5mm ²)	114-13183	12-75
0.64 GENERATION Y UNSEALED FEMALE TERMINAL	TIN	TE	2035334-4 (0.75mm ²)	114-13183	12-75
2.8 SEALED FEMALE TERMINAL	TIN	YAZAKI	7116-4150-02 (0.35-0.5mm ²)	-	1-2, 7-11, 76-80
2.8 SEALED FEMALE TERMINAL	TIN	YAZAKI	7116-4151-02 (0.75-1.0mm ²)	-	1-2, 7-11, 76-80
2.8 SEALED FEMALE TERMINAL	TIN	YAZAKI	7116-4152-02 (1.5-2.5mm ²)	-	1-2, 7-11, 76-80
6.3 SEALED FEMALE TERMINAL	TIN	YAZAKI	7116-4140-02 (0.5-1.0mm ²)	-	3-6
6.3 SEALED FEMALE TERMINAL	TIN	YAZAKI	7116-4141-02 (1.5mm ²)	-	3-6
6.3 SEALED FEMALE TERMINAL	TIN	YAZAKI	7116-4142-02 (2.5-4.0mm ²)	-	3-6
6.3 SEALED FEMALE TERMINAL	TIN	YAZAKI	7116-4143-02 (AWG 10)	-	3-6
WIRE SEAL FOR 2.8 TERMINAL	GREEN	YAZAKI	7158-3111-60	-	-
WIRE SEAL FOR 2.8 TERMINAL	YELLOW	YAZAKI	7158-3112-70	-	-
WIRE SEAL FOR 2.8 TERMINAL	WHITE	YAZAKI	7158-3113-40	-	-
PLUG FOR 2.8 TERMINAL	BLUE	YAZAKI	7158-3114-90	-	1-2, 7-11, 76-80
WIRE SEAL FOR 6.3 TERMINAL (SMALL)	RED	YAZAKI	7158-3081-50	-	-
WIRE SEAL FOR 6.3 TERMINAL (MEDIUM)	BLUE	YAZAKI	7158-3082-90	-	-
WIRE SEAL FOR 6.3 TERMINAL (LARGE)	BLACK	YAZAKI	7158-3083	-	-
WIRE SEAL FOR 6.3 TERMINAL (X-LARGE)	LIGHT GREY	YAZAKI	X39858-A400	-	-
PLUG FOR 6.3 TERMINAL	GREEN	YAZAKI	7158-3080-60	-	3-6
PLUG FOR GENERATION Y TERMINAL	YELLOW	TE	284583-1	-	-



1		NATURAL WHITE	MAT SEAL COVER (ALL CAVITIES OPEN)	6
1		LIGHT BLUE	MAT SEAL	5
1	1	ORANGE	RADIAL SEAL	4
1	1	RED	SPACER (TPA)	3
1	1	ORANGE	LEVER	2
1	1	NATURAL WHITE	HOUSING	1
9-2438824-9 A2	2-2438824-1 A3	COLOUR	DESCRIPTION	ITEM NO
QTY REQUESTED PER ASSEMBLY		PARTS LIST		

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS) UNLESS OTHERWISE SPECIFIED:			DWN A.X LONG 17NOV2022		 TE Connectivity	
DIMENSIONS:			CHK A.DANG 17NOV2022			
mm			APVD J.ZONG 17NOV2022		NAME	
			TOLERANCES UNLESS OTHERWISE SPECIFIED:		FEMALE HOUSING ASSEMBLY, SEALED, 80 WAY INLINE CONNECTOR	
			0 PLOC ±.1		PRODUCT SPEC	
			1 PLOC ±.1		SEE NOTE 7	
			2 PLOC ±.1		APPLICATION SPEC	
4 PLOC ±.1			116-94322		SIZE	
4 ANGLES ±.1°			87.6		CAGE CODE	
FINISH			CUSTOMER DRAWING		DRAWING NO	
MATERIAL					RESTRICTED TO	
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