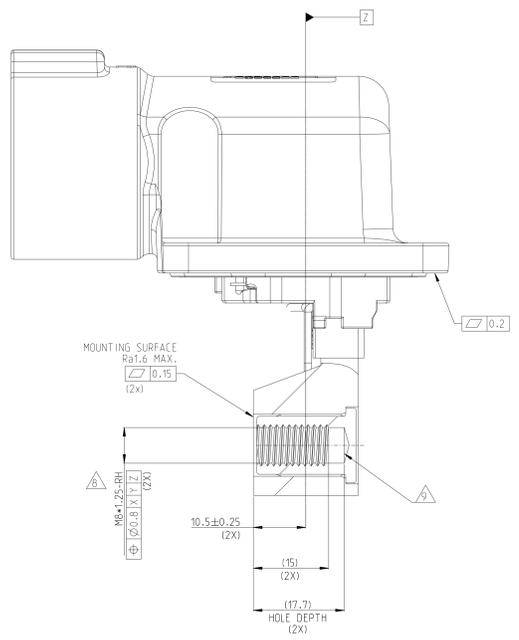
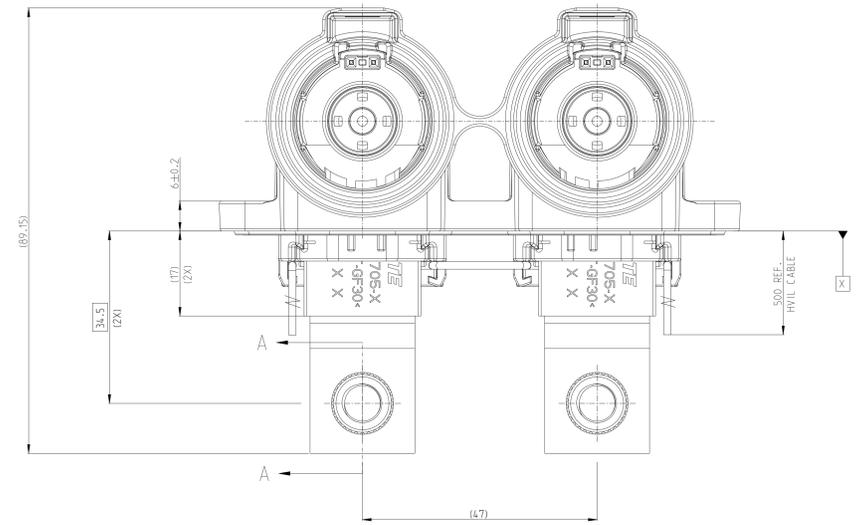
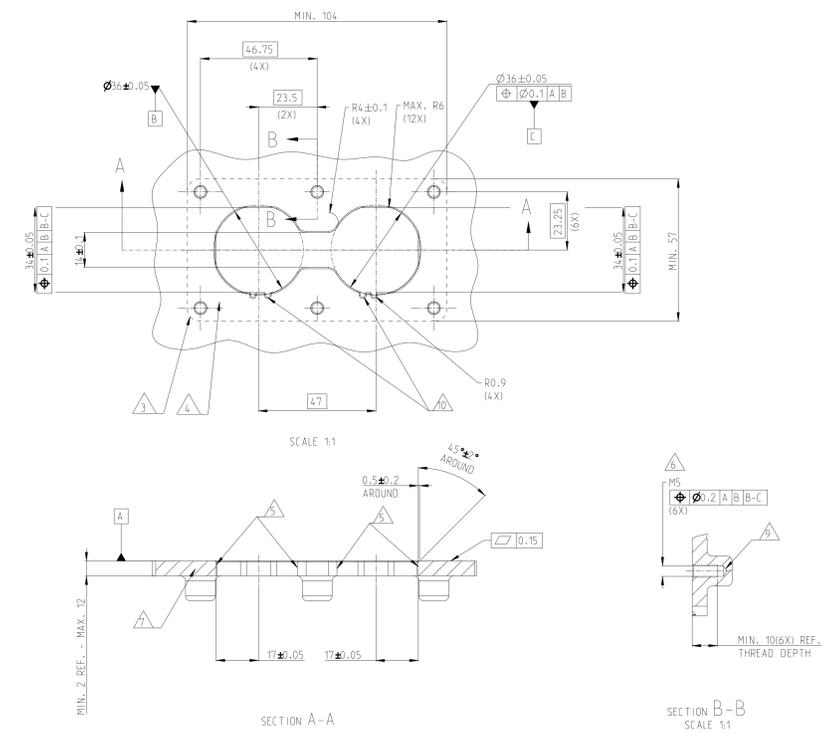


REVISIONS			
P	LV	DESCRIPTION	DATE
C		CAP. STRUCTURE CHANGED	31JAN24
D		PLATED MOUNTING CONTACTS, LUBRICANT APPLIED WITH OVER PLATING	30MAY24
E		THE GASKET MATERIAL CHANGED FROM NYLON TO EPDM	14NOV24
E1		ADD PLATING PROCESS HOLE IN THE TOP ORIENTATION OF BUSBAR	30NOV24

ADAPTER PLATE - HVP-HD1400 2POS HEADER INTERFACE

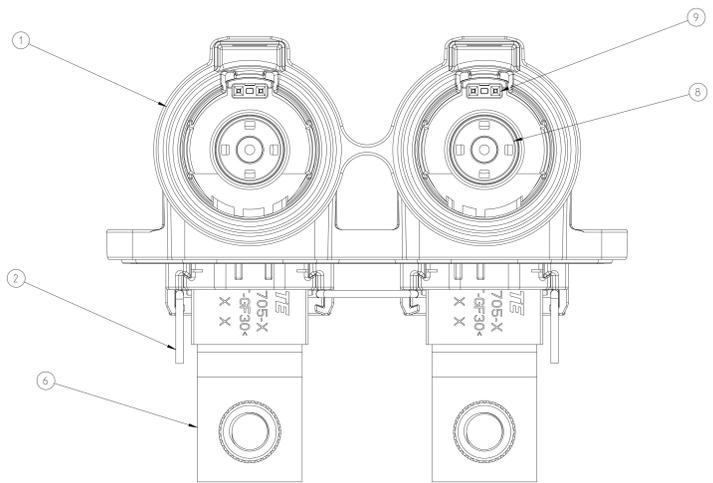
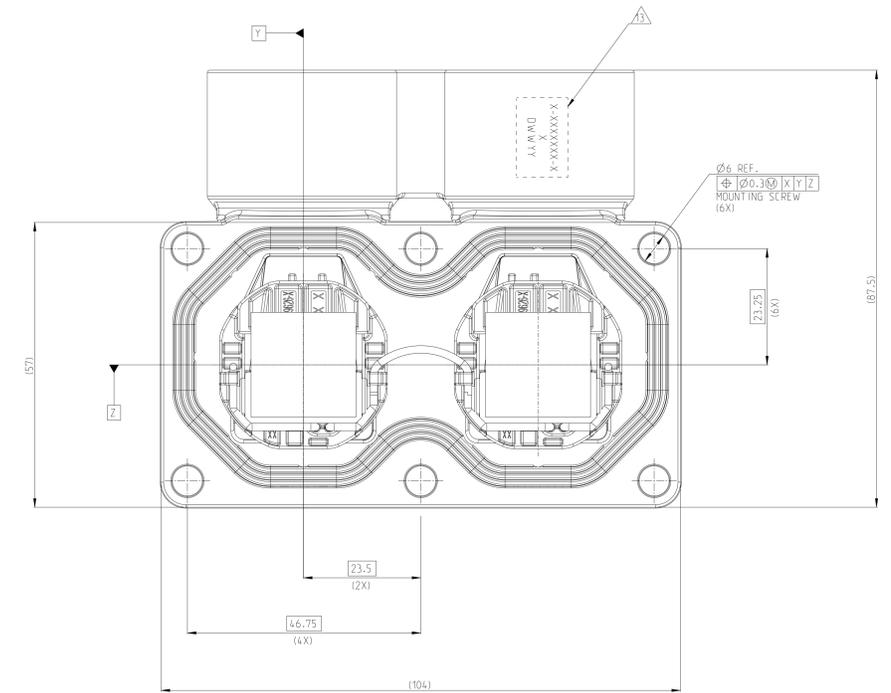


SECTION A-A



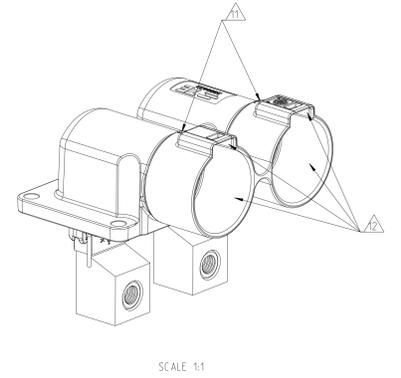
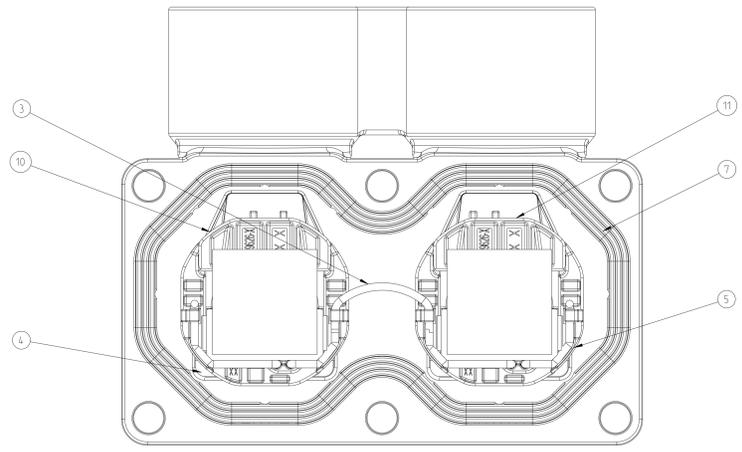
SECTION A-A

SECTION B-B



- 1. SUITABLE COUNTERPART OF HVP-HD1400 REFER TO: KIT DRAWING OF PLUG PRE ASSY WITH TPA: 2400957 (70-120 STD. CABLE), 2468625 (70-120 FLEX CABLE), 2413468 (150 FLEX CABLE)
- DRAWING OF PLUG PRE ASSY WITHOUT TPA: 2446256
- DRAWING OF TPA: 2399679
- △ CODING VARIANT
- △ MOUNTING SPACE FOR HEADER
- △ SEALING AREA NO BURR, TOOL PARTING, SHRINKAGE, CAVITIES AND GATE MARKS PERMITTED. SURFACE ROUGHNESS: Ra=1.6
- △ DRAFT ANGLE UP TO 0.5° PERMITTED
- △ MOUNTING SCREW M5 (RECOMMENDED SCREW PLATING: ZINC-NICKEL) SCREW TYPE UP TO MANUFACTURER
- △ MATERIAL: CORROSION RESISTANT, ELECTROCONDUCTIVE
- △ SCREW M6 FOR BUSBAR CONNECTION
- △ ALL THREAD HOLES ARE BLIND HOLES
- △ INTERFACE PANEL CODE SEE SHEET 4
- △ POSITION NUMBER
- △ LUBRICANT APPLIED ON THE RADIAL SEAL AREA AND CPA AREA
- △ ASSEMBLY P/N: X-XXXXXX-X
- △ ASSEMBLY REV.: X
- △ DATE CODE: DWYY

TE-ASSY-NO	TE REV.	CODE	DESCRIPTION	DESCRIPTION	CODE	MATERIAL	SURFACE COLOR / TREATMENT	WEIGHT (g)	QTY	ITEM
2399610-6	E	L/M	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	M	PA66-GF	AQUA RED	1	11	
				CODE HOUSING	L	PA66-GF	AQUA BROWN	(625)	1	10
				FOLLOW 2399610-1	-	-	-	-	-	1-9
2399610-5	E	J/K	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	K	PA66-GF	AQUA GREEN	1	11	
				CODE HOUSING	J	PA66-GF	ORANGE	(625)	1	10
				FOLLOW 2399610-1	-	-	-	-	-	1-9
2399610-4	E	G/H	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	H	PA66-GF	YELLOW	1	11	
				CODE HOUSING	G	PA66-GF	RED	(625)	1	10
				FOLLOW 2399610-1	-	-	-	-	-	1-9
2399610-3	E	E/F	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	F	PA66-GF	BROWN	1	11	
				CODE HOUSING	E	PA66-GF	GREEN	(625)	1	10
				FOLLOW 2399610-1	-	-	-	-	-	1-9
2399610-2	E	C/D	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	D	PA66-GF	PURPLE	1	11	
				CODE HOUSING	C	PA66-GF	BLUE	(625)	1	10
				FOLLOW 2399610-1	-	-	-	-	-	1-9
2399610-1	E	A/B	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	B	PA66-GF	NATURE	1	11	
				CODE HOUSING	A	PA66-GF	BLACK	(625)	1	10
				HEADER TPA	-	PA66-GF	RED	2	9	
				FINGER PROTECTION CAP	-	PA66-GF	BLACK	2	8	
				FACE SEAL	-	SILICONE	RED	1	7	
				ONE PIECE BUSBAR OVERMOLD, FRONT SIDE	-	PA10T MOLDING	-	2	6	
				OUTER HOUSING	-	PA66-GF	BLACK	2	5	
				INNER HOUSING	-	PA66-GF	BLACK	2	4	
				HVIL WIRELEONI MOCAR 180 E 0.550MM, WHITE ACCORDING TO LV112) WITH TERMINAL 2	-	-	-	1	3	
				HVIL WIRELEONI MOCAR 180 E 0.550MM, WHITE ACCORDING TO LV112) WITH TERMINAL 1	-	-	-	2	2	
				HEADER HOUSING 90DEG, 2POS	-	AL-ALLOY	PASSIVATION	1	1	



SCALE 1:1

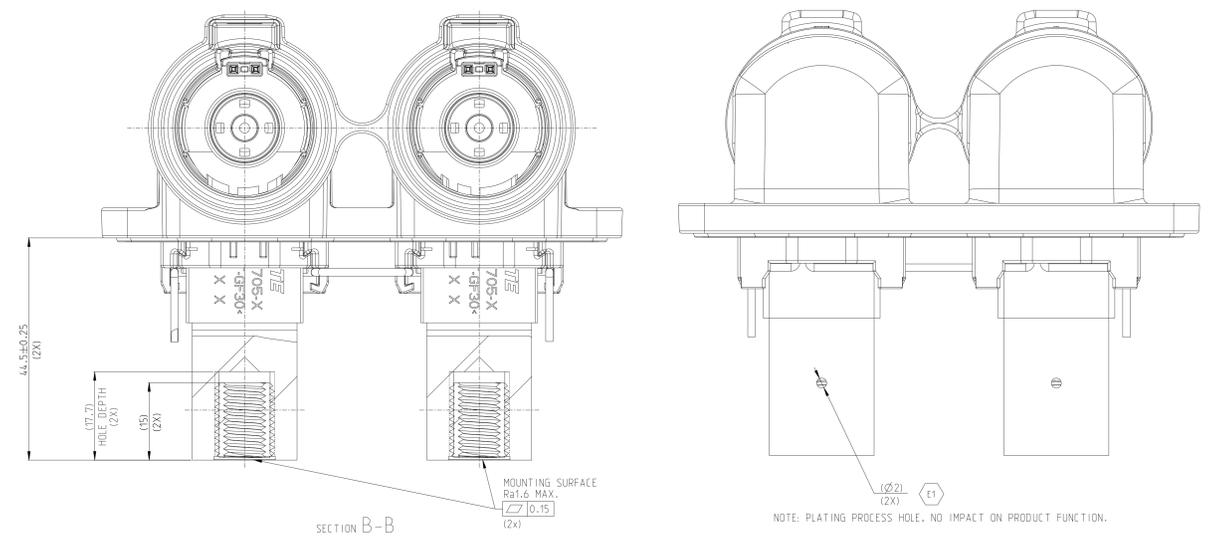
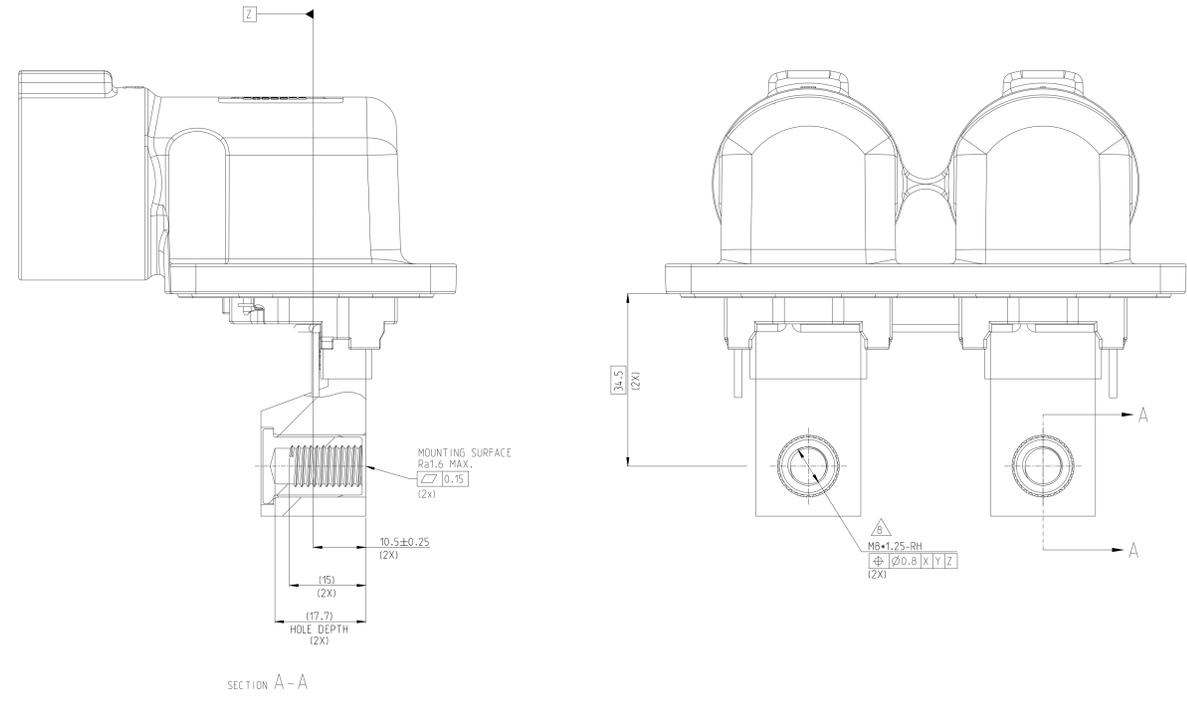
-1 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT. DATE: 29DEC2021

TE Connectivity

2POS.PIN DIA 14.0 HDR ASSY.90DEG HVP-HD1400

SCALE: 2:1 SHEET 1 OF 4



REVISIONS			
REV	DATE	BY	APPD
1	29DEC2021	J.L.L.	
2	29DEC2021	J.L.L.	
3	29DEC2021	J.L.L.	
4	29DEC2021	J.L.L.	
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98	29DEC2021	J.L.L.	
99	29DEC2021	J.L.L.	
100	29DEC2021	J.L.L.	

1. MISSING DIMENSIONS ACC. TO 2399610-1

TE-ASSY-NO	TE REV.	CODE	DESCRIPTION	DESCRIPTION	CODE	MATERIAL	SURFACE COLOR / TREATMENT	WEIGHT (g)	QTY	ITEM
1-2399610-6	E	L/M	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	M	PA66-GF	AQUA RED	(625)	1	11
				CODE HOUSING	L	PA66-GF	AQUA BROWN	(625)	1	10
				FOLLOW 1-2399610-1	-	-	-		-	1-9
1-2399610-5	E	J/K	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	K	PA66-GF	AQUA GREEN	(625)	1	11
				CODE HOUSING	J	PA66-GF	ORANGE	(625)	1	10
				FOLLOW 1-2399610-1	-	-	-		-	1-9
1-2399610-4	E	G/H	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	H	PA66-GF	YELLOW	(625)	1	11
				CODE HOUSING	G	PA66-GF	RED	(625)	1	10
				FOLLOW 1-2399610-1	-	-	-		-	1-9
1-2399610-3	E	E/F	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	F	PA66-GF	BROWN	(625)	1	11
				CODE HOUSING	E	PA66-GF	GREEN	(625)	1	10
				FOLLOW 1-2399610-1	-	-	-		-	1-9
1-2399610-2	E	C/D	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	D	PA66-GF	PURPLE	(625)	1	11
				CODE HOUSING	C	PA66-GF	BLUE	(625)	1	10
				FOLLOW 1-2399610-1	-	-	-		-	1-9
1-2399610-1	E	A/B	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	B	PA66-GF	NATURE	(625)	1	11
				CODE HOUSING	A	PA66-GF	BLACK	(625)	1	10
				HEADER TPA	-	PA66-GF	RED		2	9
				FINGER PROTECTION CAP	-	PA66-GF	BLACK		2	8
				FACE SEAL	-	SILICONE	RED		1	7
				ONE PIECE BUSBAR OVERMOLD.BACK SIDE	-	PA10T MOLDING	-		2	6
				OUTER HOUSING	-	PA66-GF	BLACK		2	5
				INNER HOUSING	-	PA66-GF	BLACK		2	4
				HVIL W IRE(LEONI MOCAR 180 E 0.550MM.WHITE ACCORDING TO LV112) WITH TERMINAL2	-	-	-		1	3
				HVIL W IRE(LEONI MOCAR 180 E 0.550MM.WHITE ACCORDING TO LV112) WITH TERMINAL1	-	-	-		2	2
				HEADER HOUSING 90DEG.2POS	-	AL-ALLOY	PASSIVATION		1	1

1. MISSING DIMENSIONS ACC. TO 2399610-1

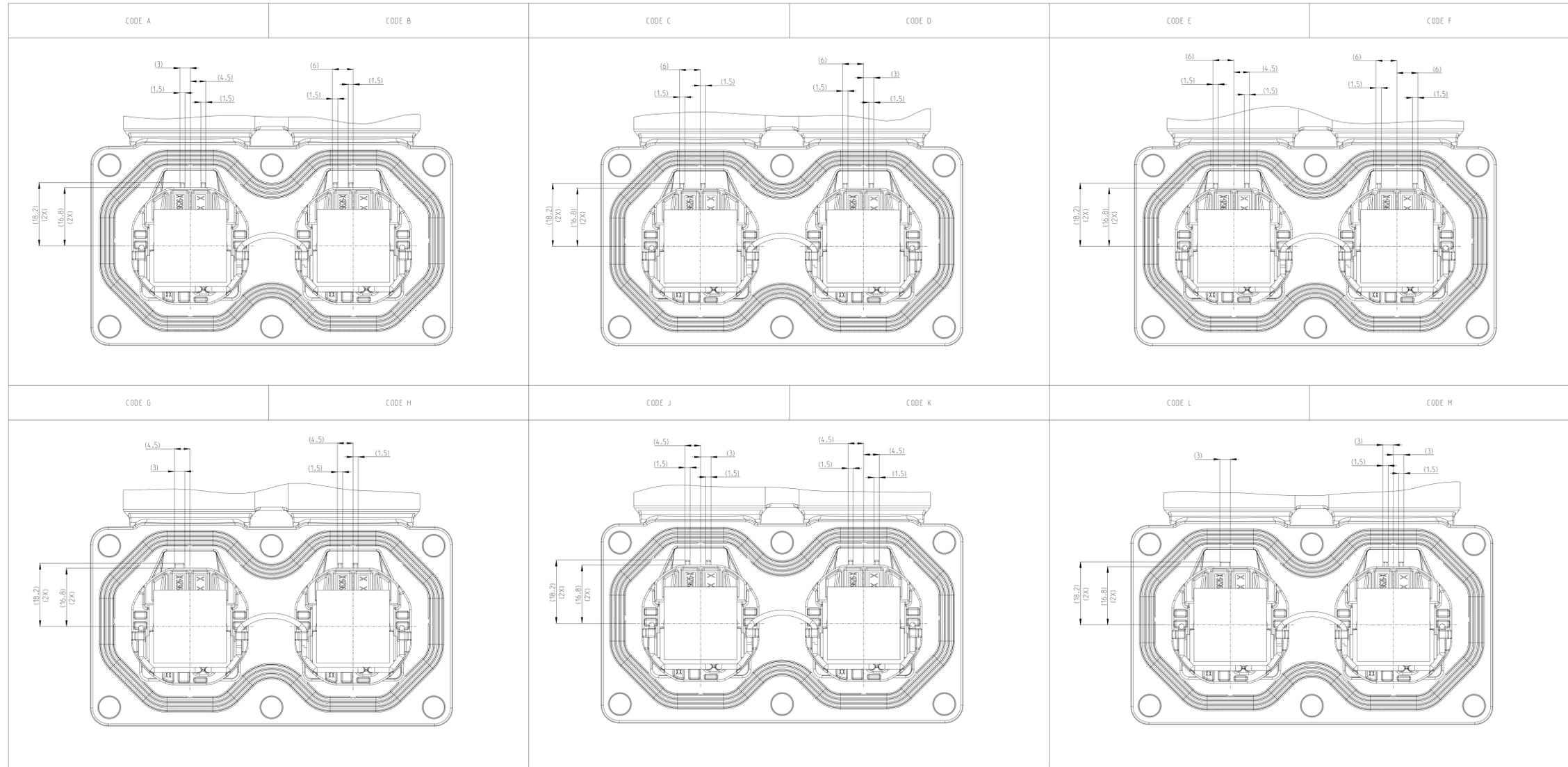
TE-ASSY-NO	TE REV.	CODE	DESCRIPTION	DESCRIPTION	CODE	MATERIAL	SURFACE COLOR / TREATMENT	WEIGHT (g)	QTY	ITEM
2-2399610-6	E	L/M	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	M	PA66-GF	AQUA RED	(625)	1	11
				CODE HOUSING	L	PA66-GF	AQUA BROWN	(625)	1	10
				FOLLOW 2-2399610-1	-	-	-		-	1-9
2-2399610-5	E	J/K	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	K	PA66-GF	AQUA GREEN	(625)	1	11
				CODE HOUSING	J	PA66-GF	ORANGE	(625)	1	10
				FOLLOW 2-2399610-1	-	-	-		-	1-9
2-2399610-4	E	G/H	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	H	PA66-GF	YELLOW	(625)	1	11
				CODE HOUSING	G	PA66-GF	RED	(625)	1	10
				FOLLOW 2-2399610-1	-	-	-		-	1-9
2-2399610-3	E	E/F	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	F	PA66-GF	BROWN	(625)	1	11
				CODE HOUSING	E	PA66-GF	GREEN	(625)	1	10
				FOLLOW 2-2399610-1	-	-	-		-	1-9
2-2399610-2	E	C/D	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	D	PA66-GF	PURPLE	(625)	1	11
				CODE HOUSING	C	PA66-GF	BLUE	(625)	1	10
				FOLLOW 2-2399610-1	-	-	-		-	1-9
2-2399610-1	E	A/B	2POS.PIN DIA 14.0 HDR ASSY.90DEG	CODE HOUSING	B	PA66-GF	NATURE	(625)	1	11
				CODE HOUSING	A	PA66-GF	BLACK	(625)	1	10
				HEADER TPA	-	PA66-GF	RED		2	9
				FINGER PROTECTION CAP	-	PA66-GF	BLACK		2	8
				FACE SEAL	-	SILICONE	RED		1	7
				ONE PIECE BUSBAR OVERMOLD.TOP SIDE	-	PA10T MOLDING	-		2	6
				OUTER HOUSING	-	PA66-GF	BLACK		2	5
				INNER HOUSING	-	PA66-GF	BLACK		2	4
				HVIL W IRE(LEONI MOCAR 180 E 0.550MM.WHITE ACCORDING TO LV112) WITH TERMINAL2	-	-	-		1	3
				HVIL W IRE(LEONI MOCAR 180 E 0.550MM.WHITE ACCORDING TO LV112) WITH TERMINAL1	-	-	-		2	2
				HEADER HOUSING 90DEG.2POS	-	AL-ALLOY	PASSIVATION		1	1

THIS DRAWING IS A CONTROLLED DOCUMENT. DATE: 29DEC2021. DRAWN BY: S.TAN. CHECKED BY: J.L.L. APPROVED BY: J.L.L. DIMENSIONS: SEE TABLE. MATERIAL: SEE TABLE. WEIGHT: SEE TABLE. CUSTOMER DRAWING. SCALE: 2:1. SHEET 2 OF 4. REV E1.

TE Connectivity
2POS.PIN DIA 14.0 HDR ASSY.90DEG
HVP-HD14.00

SIZE: A0. CASE CODE: 00779. DRAWING NO: 2399610. RESTRICTED TO: -.

REVISIONS			
REV	DATE	BY	APPD
-	SEE SHEET 1	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE: 29DEC2021	BY: S.TAN	APPD: J.L.L.
DIMENSIONS: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.		DATE: 29DEC2021	BY: J.L.L.	APPD: J.L.L.
MATERIAL: SEE TABLE		PRODUCT SPEC: 108-160407	APPLICATION SPEC: 114-160222	WEIGHT: SEE TABLE
CUSTOMER DRAWING		SCALE: 2:1	SHEET: 3 of 4	REV: 1
		2POS.PIN DIA 14.0.HDR ASSY.90DEG HVP-HD14.00		
SITE: A0		CAGE CODE: 00779	DRAWING NO: C=2399610	RESTRICTED TO: -

