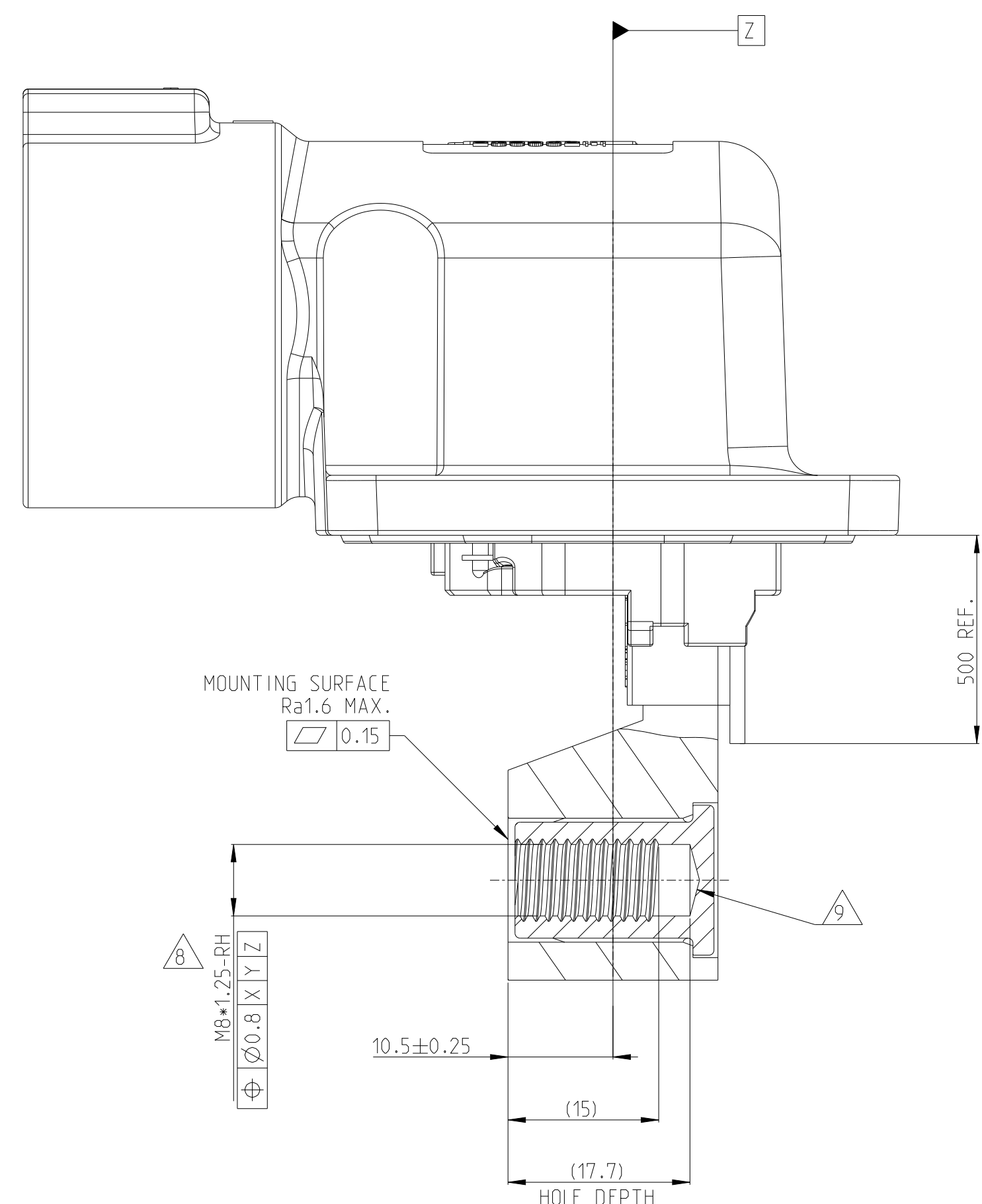
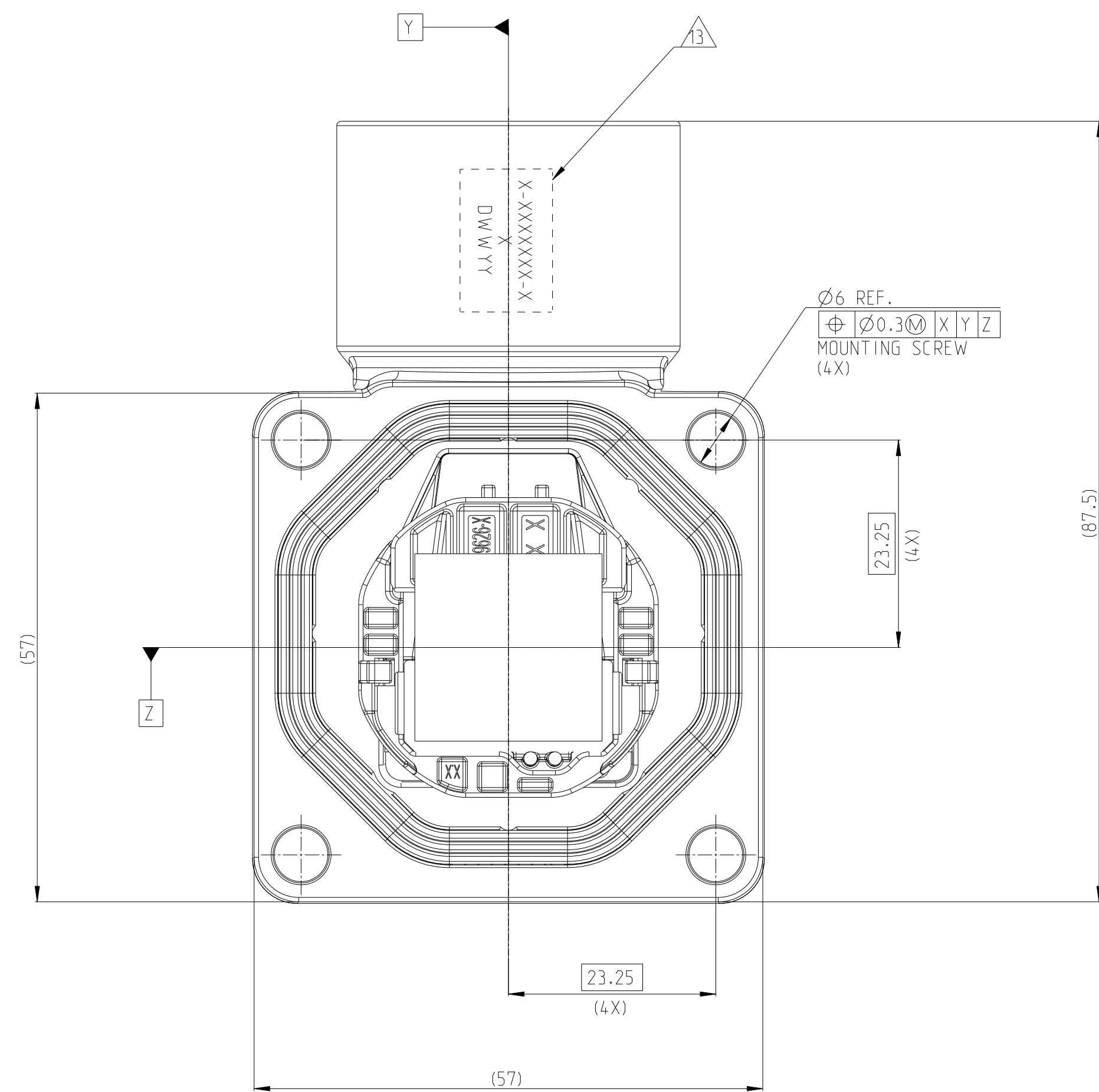
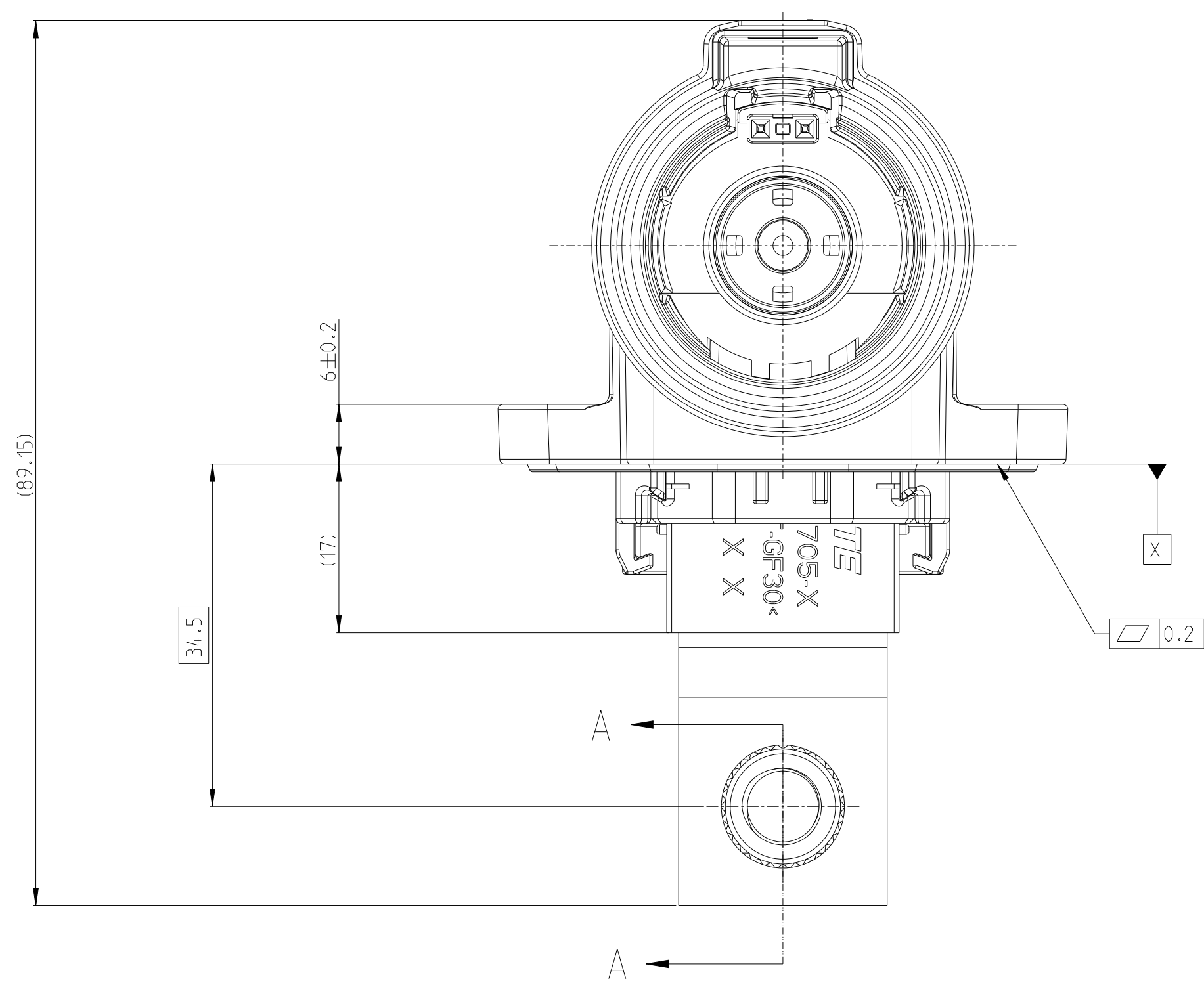
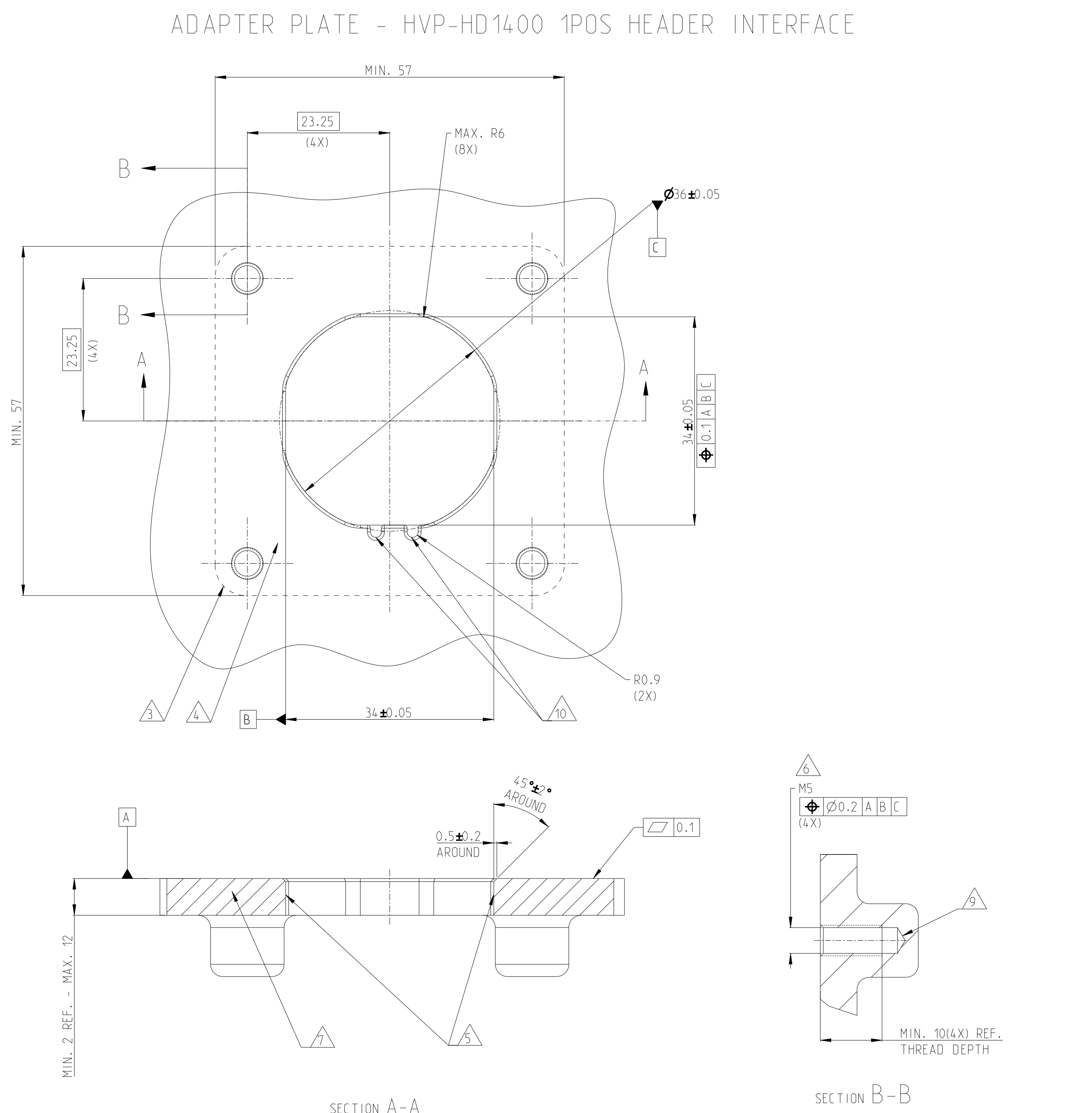


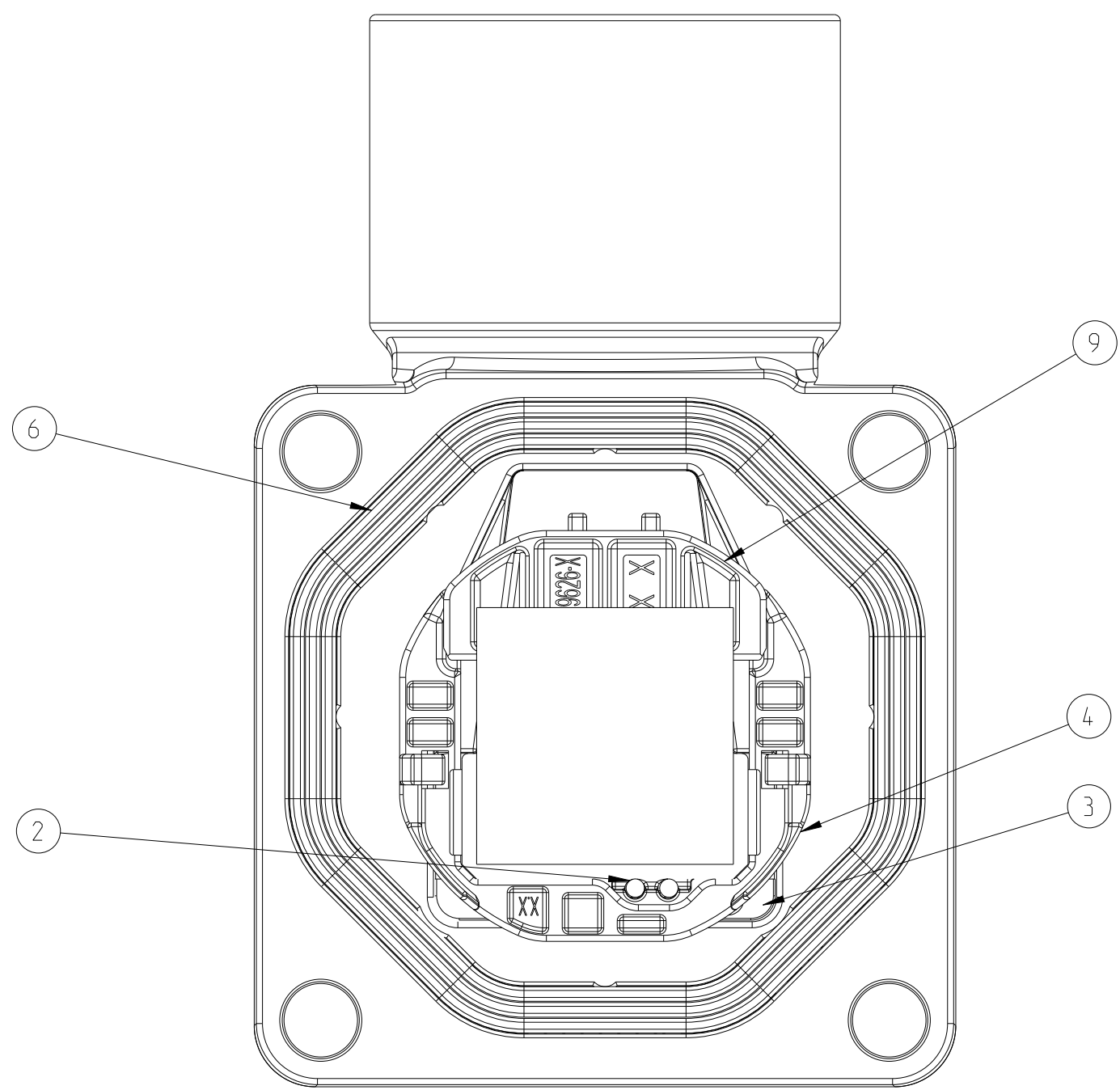
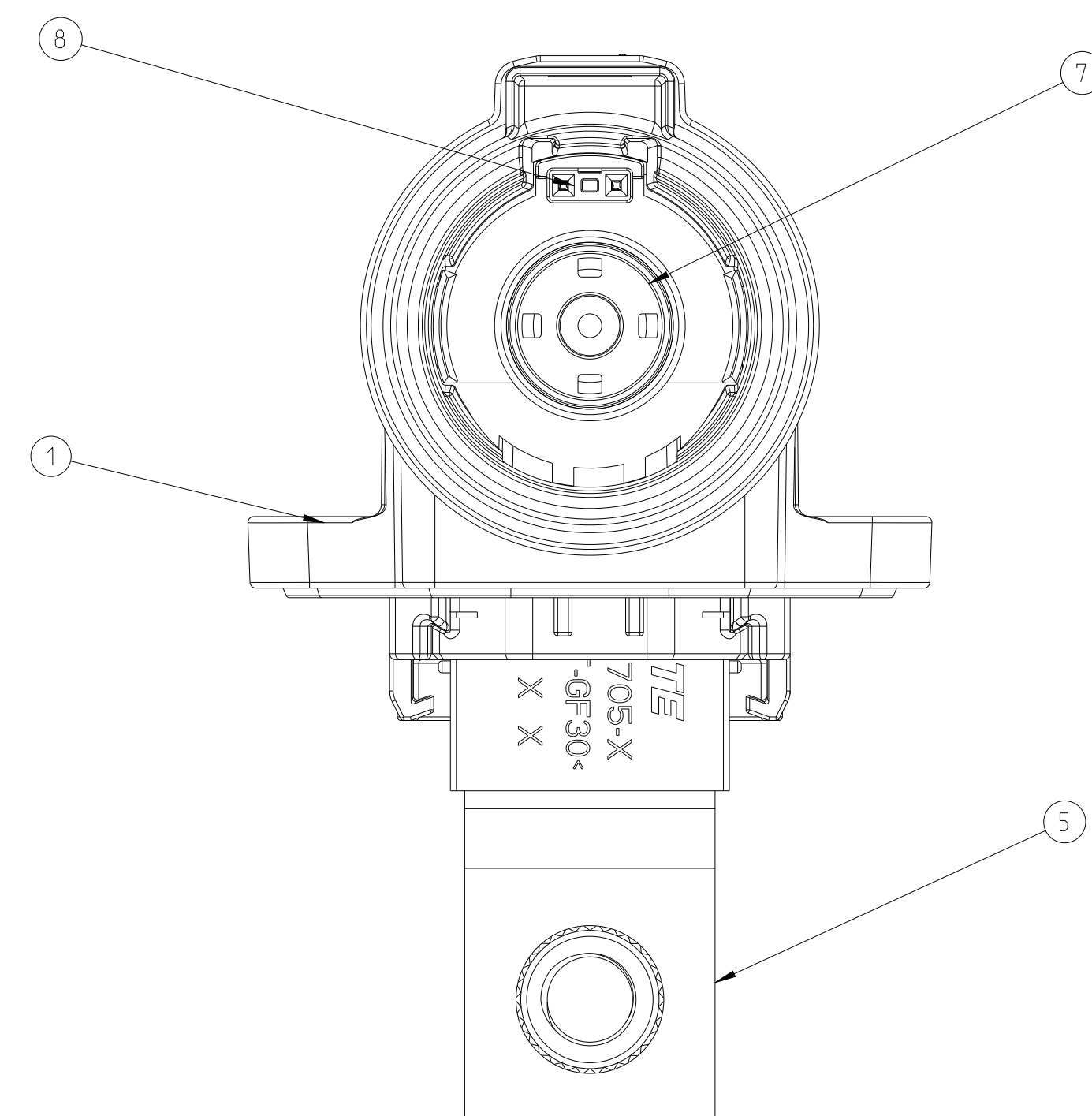
REVISIONS						
P	LT#	DESCRIPTION	DATE	OWN	APPD	
C		CAP STRUCTURE CHANGED	31JAN24	S.T	Z.Z	
D		HAZARD MISSING COATING CHANGED; LUBRICANT ADDED IN HOLE INFO ADDED FACE SEAL MATERIAL CHANGED; STAG PIN CHANGED; ASSEMBLY VERSION ADDED	18MAR24	S.T	Z.Z	
E		PCN-24-206191	14MAY24	S.T	Z.Z	
E1		ADD PLATING PROCESS HOLE IN THE TOP ORIENTATION OF BUSBAR	30NOV24	S.T	Z.Z	



SECTION A-A



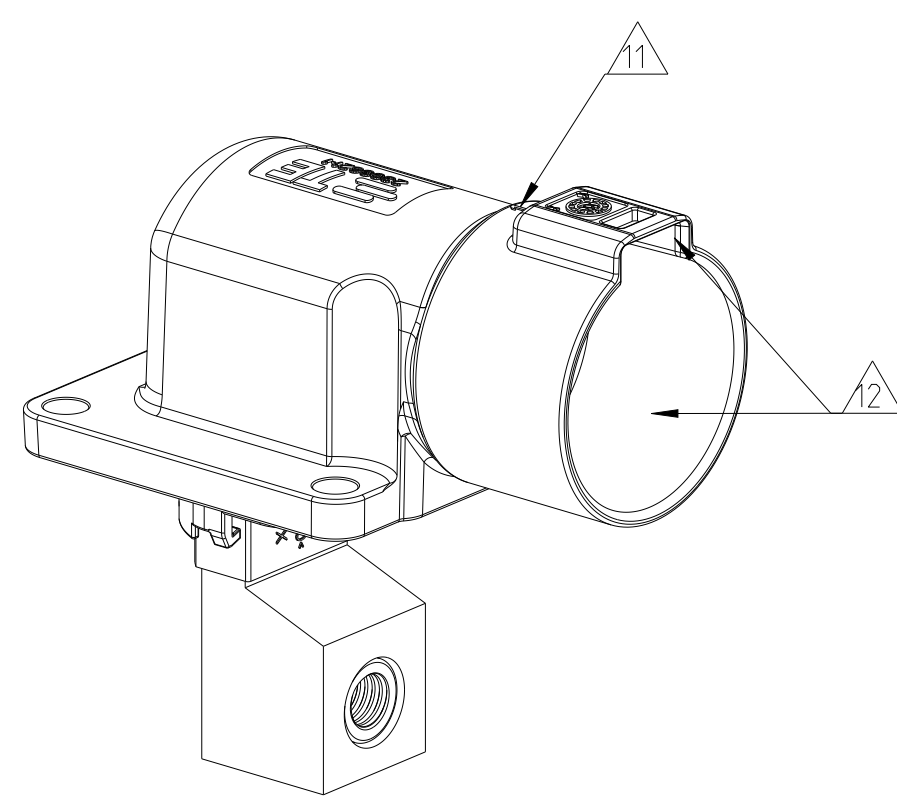
1-2399609-3	E	M	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	M -	PA66-GF -	AQUA RED -	(315)	1 -	9 1-8
1-2399609-2	E	L	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	L -	PA66-GF -	AQUA BROWN -	(315)	1 -	9 1-8
1-2399609-1	E	K	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	K -	PA66-GF -	AQUA GREEN -	(315)	1 -	9 1-8
2399609-9	E	J	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	J -	PA66-GF -	ORANGE -	(315)	1 -	9 1-8
2399609-8	E	H	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	H -	PA66-GF -	YELLOW -	(315)	1 -	9 1-8
2399609-7	E	G	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	G -	PA66-GF -	RED -	(315)	1 -	9 1-8
2399609-6	E	F	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	F -	PA66-GF -	BROWN -	(315)	1 -	9 1-8
2399609-5	E	E	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	E -	PA66-GF -	GREEN -	(315)	1 -	9 1-8
2399609-4	E	D	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	D -	PA66-GF -	PURPLE -	(315)	1 -	9 1-8
2399609-3	E	C	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	C -	PA66-GF -	BLUE -	(315)	1 -	9 1-8
2399609-2	D	B	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2399609-1	B -	PA66-GF -	NATURE -	(315)	1 -	9 1-8
2399609-1	E	A	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING	A	PA66-GF	BLACK	(315)	1	9
				HEADER TPA	-	PA66-GF	RED		1	8
				FINGER PROTECTION CAP	-	PA66-GF	BLACK		1	7
				FACE SEAL	-	SILICONE	RED		1	6
				ONE PIECE BUSBAR OVERMOLD FRONT SIDE	-	PA10T MOLDING	-		1	5
				OUTER HOUSING	-	PA66-GF	BLACK		1	4
				INNER HOUSING	-	PA66-GF	BLACK		1	3
				HVIL W IRE(LEONI) MOCAR 180 E 0.550MM,WHITE ACCORDING TO LV112) WITH TERMINAL	-	-	-		2	2
HEADER HOUSING 90DEG,1POS				-	AL-ALLOY	PASSIVATION	1 1			
TE-ASSY-NO	TE REV.	CODE	DESCRIPTION	DESCRIPTION	CODE	MATERIAL	SURFACE COLOR /TREATMENT	WEIGHT (g)	QTY	ITEM



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)

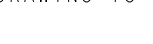
DRAWING OF PLUG PRE ASSY WITHOUT TPA: 2446256
DRAWING OF TPA: 2399679

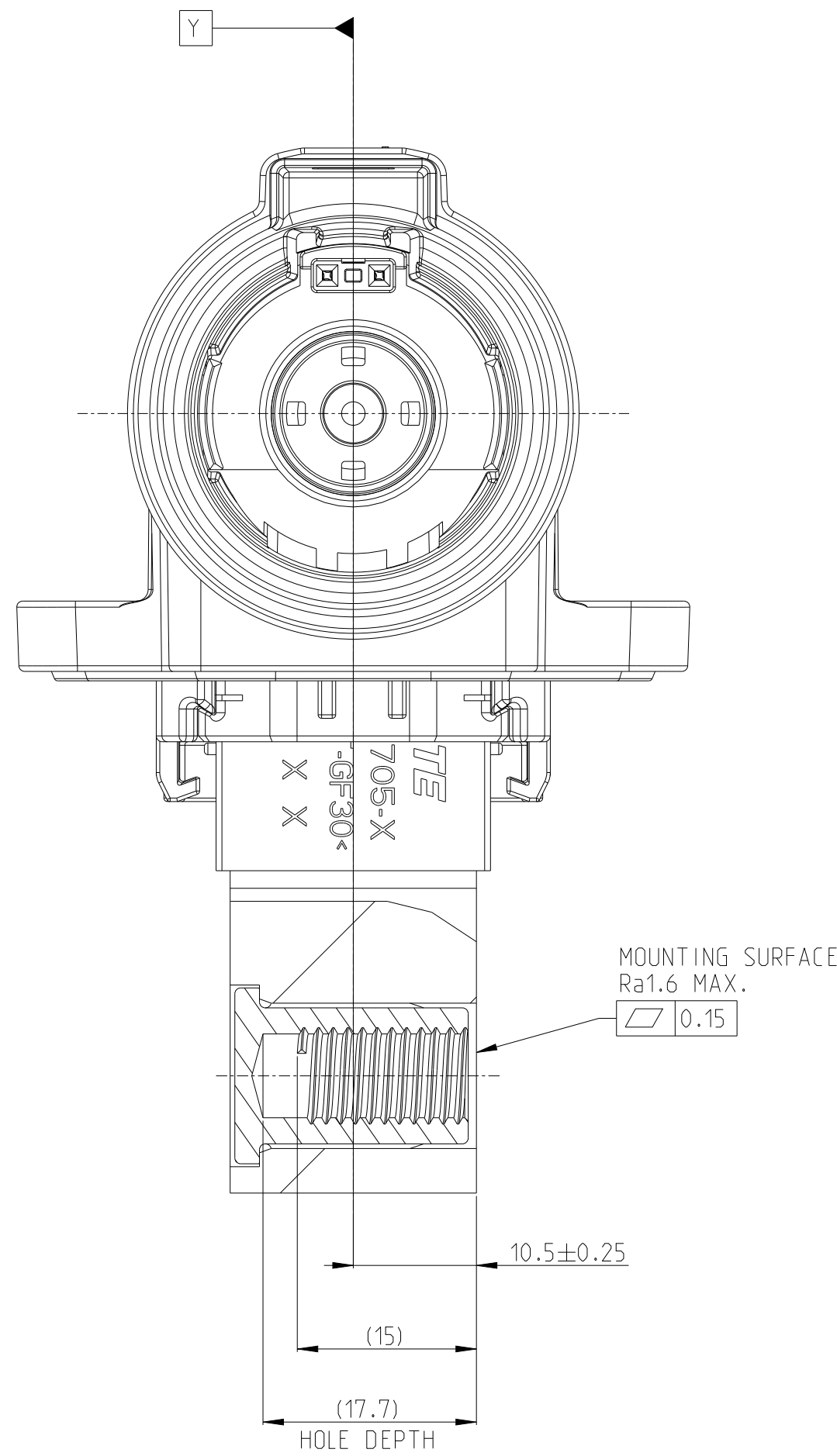
- | | |
|---|---|
| △ | CODING VARIANT |
| △ | MOUNTING SPACE FOR HEADER |
| △ | SEALING AREA AND BURR, TOOL PARTING, SHRINKAGE, CAVITIES AND GATE MARKS PERMITTED.
SURFACE ROUGHNESS: Ra=1,6 |
| △ | DRAFT ANGLE UP TO 0.5° PERMITTED |
| △ | MOUNTING SCREW MS (RECOMMENDED SCREW PLATING: ZINC-NICKEL)
SCREW TYPE UP TO MANUFACTURER |
| △ | MATERIAL: CORROSION RESISTANT, ELECTROCONDUCTIVE |
| △ | SCREW M8 FOR BUSBAR CONNECTION |
| △ | ALL THREAD HOLES ARE BLIND HOLES |
| △ | INTERFACE PANEL CODE SEE SHEET 5 |
| △ | POSITION NUMBER |
| △ | LUBRICANT APPLIED ON THE RADIAL SEAL AREA AND CPA AREA |
| △ | ASSEMBLY PN: X-XXXXXXX-X
ASSEMBLY REV.: X
DATE CODE: DWWYY |



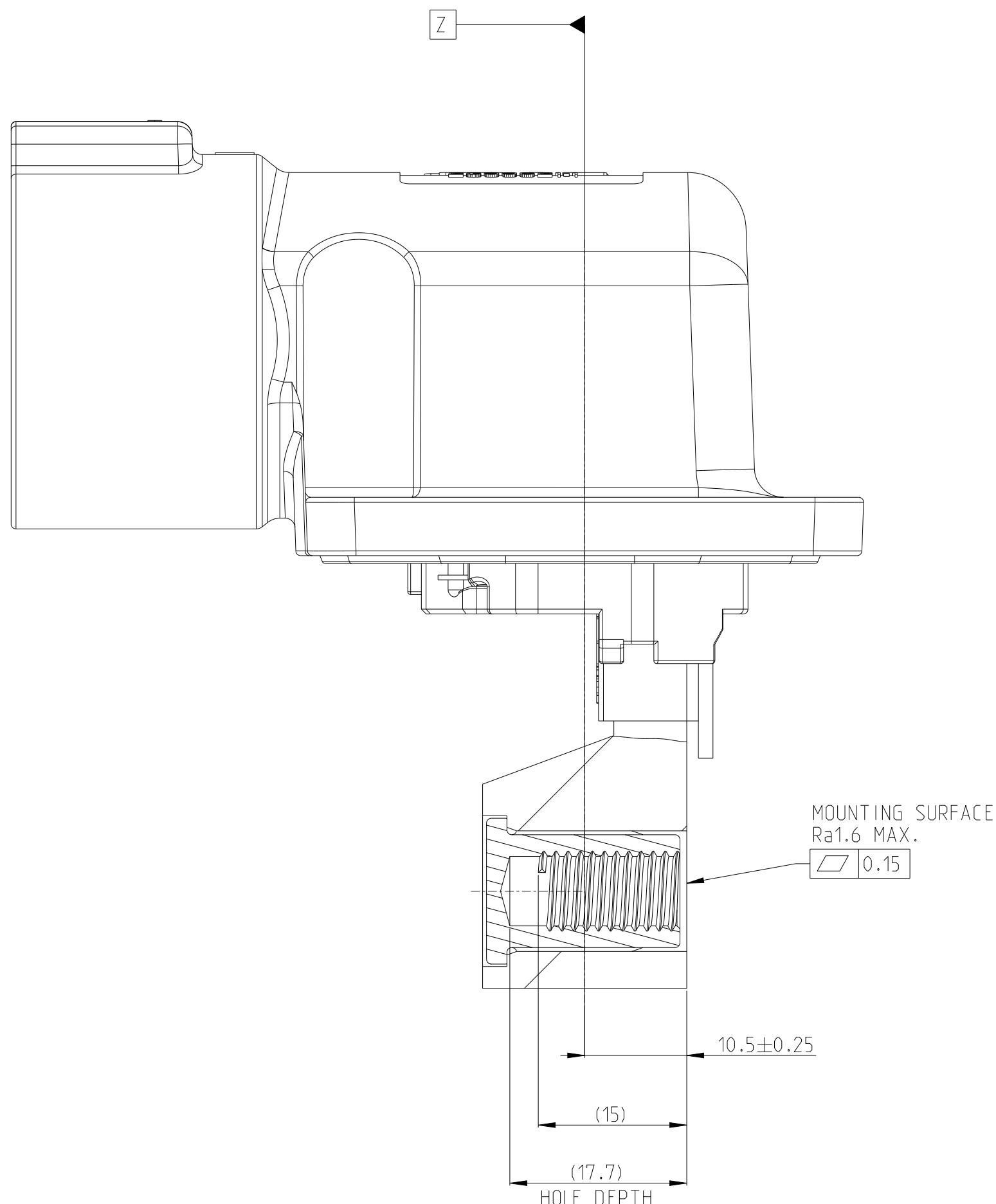
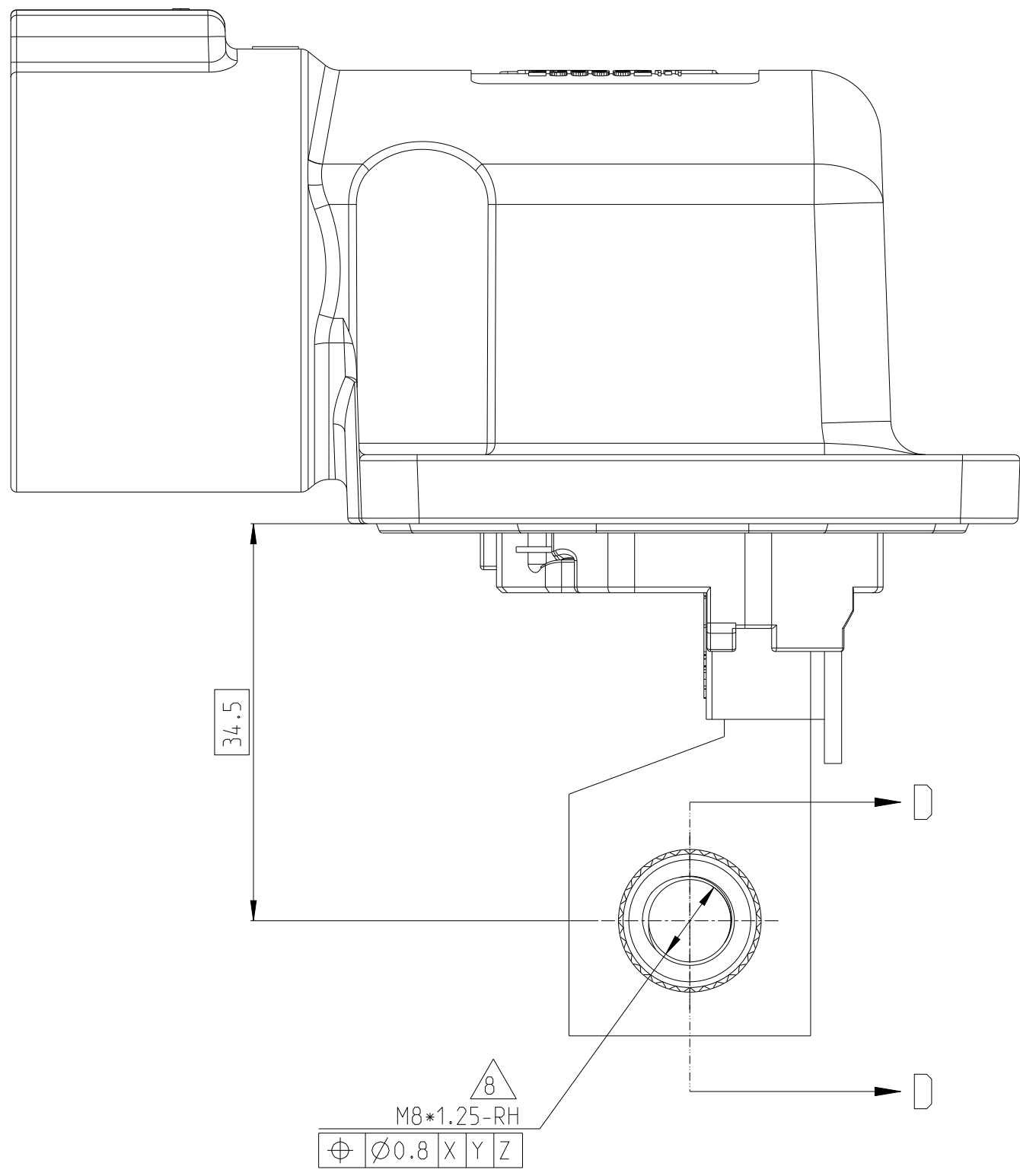
SCALE 1:1

-1 AS SHOWN

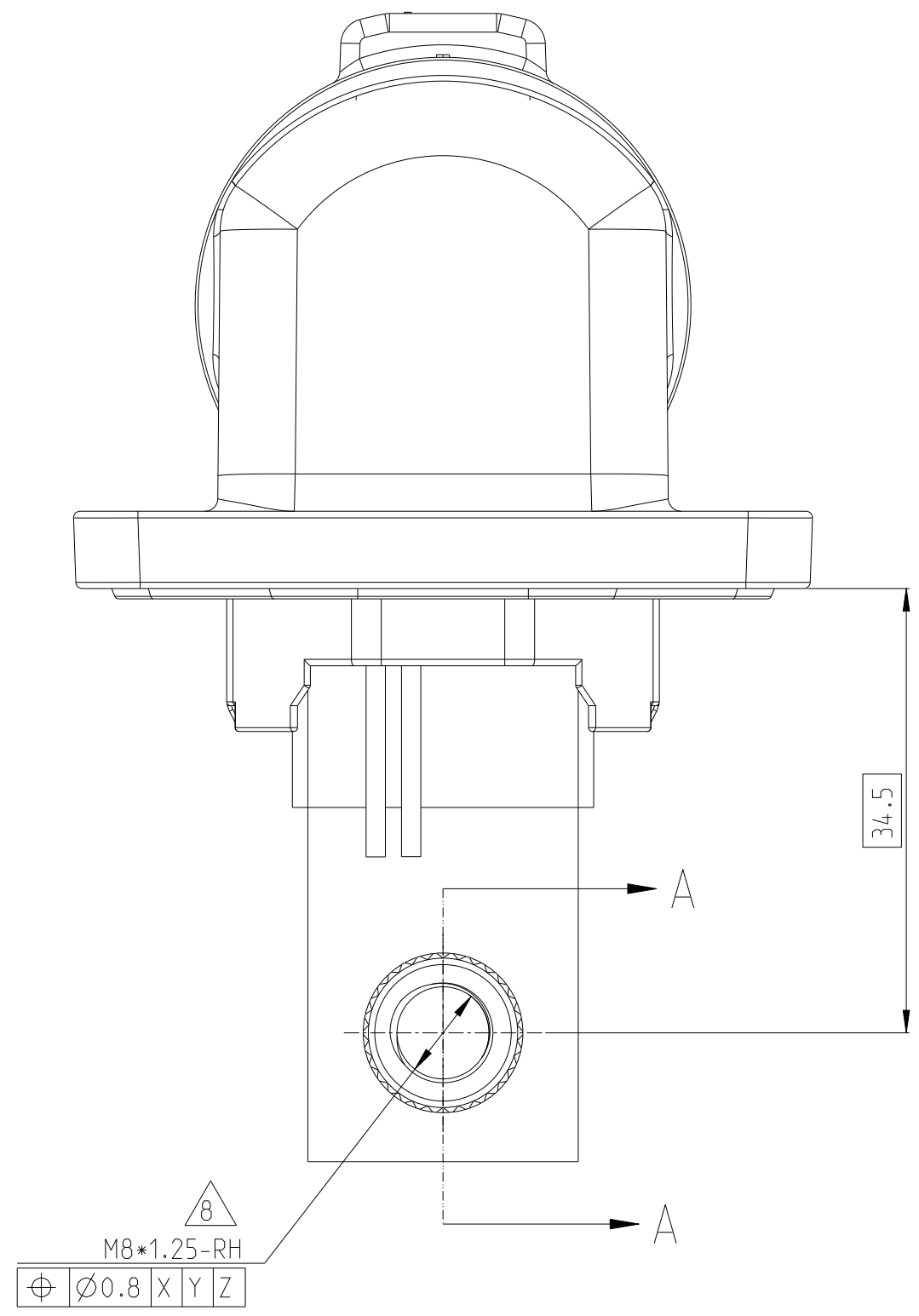
THIS DRAWING IS A CONTROLLED DOCUMENT.		SKETCH DATE: 29DEC2021 BY: TAN		 TE Connectivity	
DIMENSIONS: mm		TO CONFORM TO JEDEC STANDARDS REF: 010-00000		NAME:	
		PART NO: 108-160227 11-160222		1POS.PIN DIA 14.0.HDR ASSY.90DEG HYP-HD14.00	
MATERIAL: SEE TABLE		WEIGHT: SEE TABLE		SIZE: A0 CASE CODE: 00779 DRAWING NO: C-2399609	
FINISH: SPEC 2		CUSTOMER DRAWING		SCALE: 2:1 SHEET: 1 OF 1 REV: 1	



SECTION D-D



SECTION A-A



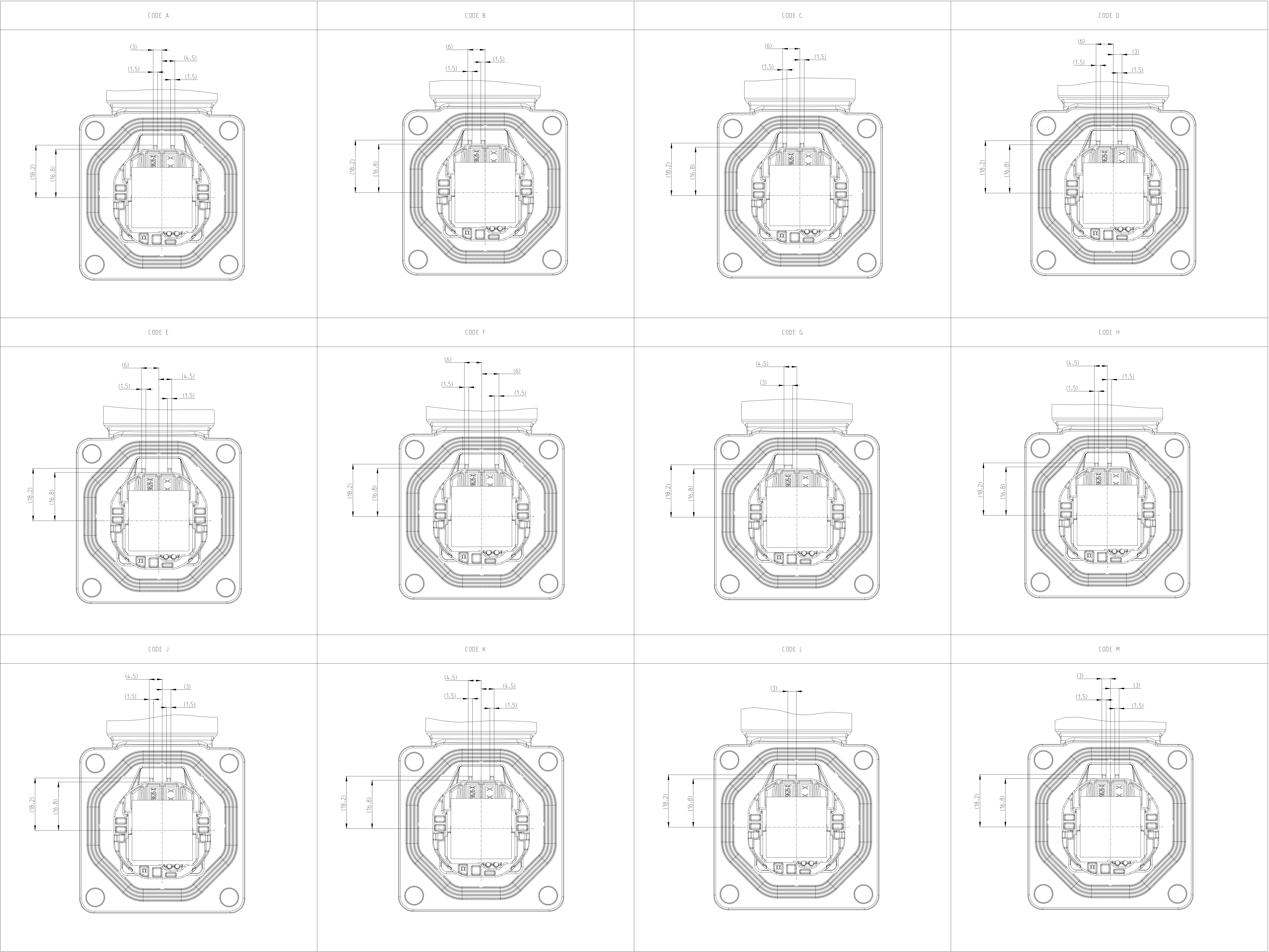
1. MISSING DIMENSIONS ACC. TO 2399609-1

3-2399609-3	E	M	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	M	PA66-GF	AQUA RED	(315)	1	9
					-	-	-		-	1-8
3-2399609-2	E	L	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	L	PA66-GF	AQUA BROWN	(315)	1	9
					-	-	-		-	1-8
3-2399609-1	E	K	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	K	PA66-GF	AQUA GREEN	(315)	1	9
					-	-	-		-	1-8
2-2399609-9	E	J	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	J	PA66-GF	ORANGE	(315)	1	9
					-	-	-		-	1-8
2-2399609-8	E	H	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	H	PA66-GF	YELLOW	(315)	1	9
					-	-	-		-	1-8
2-2399609-7	E	G	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	G	PA66-GF	RED	(315)	1	9
					-	-	-		-	1-8
2-2399609-6	E	F	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	F	PA66-GF	BROWN	(315)	1	9
					-	-	-		-	1-8
2-2399609-5	E	E	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	E	PA66-GF	GREEN	(315)	1	9
					-	-	-		-	1-8
2-2399609-4	E	D	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	D	PA66-GF	PURPLE	(315)	1	9
					-	-	-		-	1-8
2-2399609-3	E	C	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	C	PA66-GF	BLUE	(315)	1	9
					-	-	-		-	1-8
2-2399609-2	E	B	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	B	PA66-GF	NATURE	(315)	1	9
					-	-	-		-	1-8
2-2399609-1	E	A	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 2-2399609-1	A	PA66-GF	BLACK	(315)	1	9
					-	-	-		-	1-8
					-	-	-		-	1-7
					-	-	-		-	1-6
					-	-	-		-	1-5
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					-	-	-		-	2
					-	-	-		-	1
					-	-	-		-	1
TE-ASSY-NO	TE REV.	CODE	DESCRIPTION	DESCRIPTION	CODE	MATERIAL	PASSIVATION SURFACE COLOR /TREATMENT	WEIGHT (g)	QTY	ITEM

5-2399609-3	E	M	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	M	PA66-GF	AQUA RED	(315)	1	9
					-	-	-		-	1-8
5-2399609-2	E	L	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	L	PA66-GF	AQUA BROWN	(315)	1	9
					-	-	-		-	1-8
5-2399609-1	E	K	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	K	PA66-GF	AQUA GREEN	(315)	1	9
					-	-	-		-	1-8
4-2399609-9	E	J	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	J	PA66-GF	ORANGE	(315)	1	9
					-	-	-		-	1-8
4-2399609-8	E	H	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	H	PA66-GF	YELLOW	(315)	1	9
					-	-	-		-	1-8
4-2399609-7	E	G	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	G	PA66-GF	RED	(315)	1	9
					-	-	-		-	1-8
4-2399609-6	E	F	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	F	PA66-GF	BROWN	(315)	1	9
					-	-	-		-	1-8
4-2399609-5	E	E	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	E	PA66-GF	GREEN	(315)	1	9
					-	-	-		-	1-8
4-2399609-4	E	D	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	D	PA66-GF	PURPLE	(315)	1	9
					-	-	-		-	1-8
4-2399609-3	E	C	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	C	PA66-GF	BLUE	(315)	1	9
					-	-	-		-	1-8
4-2399609-2	E	B	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	B	PA66-GF	NATURE	(315)	1	9
					-	-	-		-	1-8
4-2399609-1	E	A	1POS,PIN DIA 14.0 HDR ASSY,90DEG	CODE HOUSING FOLLOW 4-2399609-1	A	PA66-GF	BLACK	(315)	1	9
					-	-	-		-	1-8
					-	-	-		-	1-7
					-	-	-		-	1-6
					-	-	-		-	1-5
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					-	-	-		-	1-3
					-	-	-		-	2
					-	-	-		-	2
					-	-	-		-	1
					-	-	-		-	1
TE-ASSY-NO	TE REV.	CODE	DESCRIPTION	DESCRIPTION	CODE	MATERIAL	PASSIVATION SURFACE COLOR /TREATMENT	WEIGHT (g)	QTY	ITEM

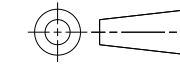
REVISIONS				
P	LV	DESCRIPTION	DATE	APPD
-	-	SEE SHEET 1	-	-

2



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
(mm)



MATERIAL
SEE TABLE

FINISH: SPEC-2

DESIGNED BY: S. TAN
DATE: 29DEC2021

CHECKED BY: J. LI
DATE: 29DEC2021

APPROVED BY: J. LI
DATE: 29DEC2021

PRODUCT SPEC
108-160407

APPLICATION SPEC
114-160222

WEIGHT
SEE TABLE

CUSTOMER DRAWING

SCALE: 2:1

SHEET 6 OF 5

REV: 1

STE

TE Connectivity

NAME: 1POS. PIN DIA 14.0 HDR ASSY. 90DEG
HVP-HD1400

SIZE: A0

CAGE CODE: 00779

DRAWING NO: C=2399609

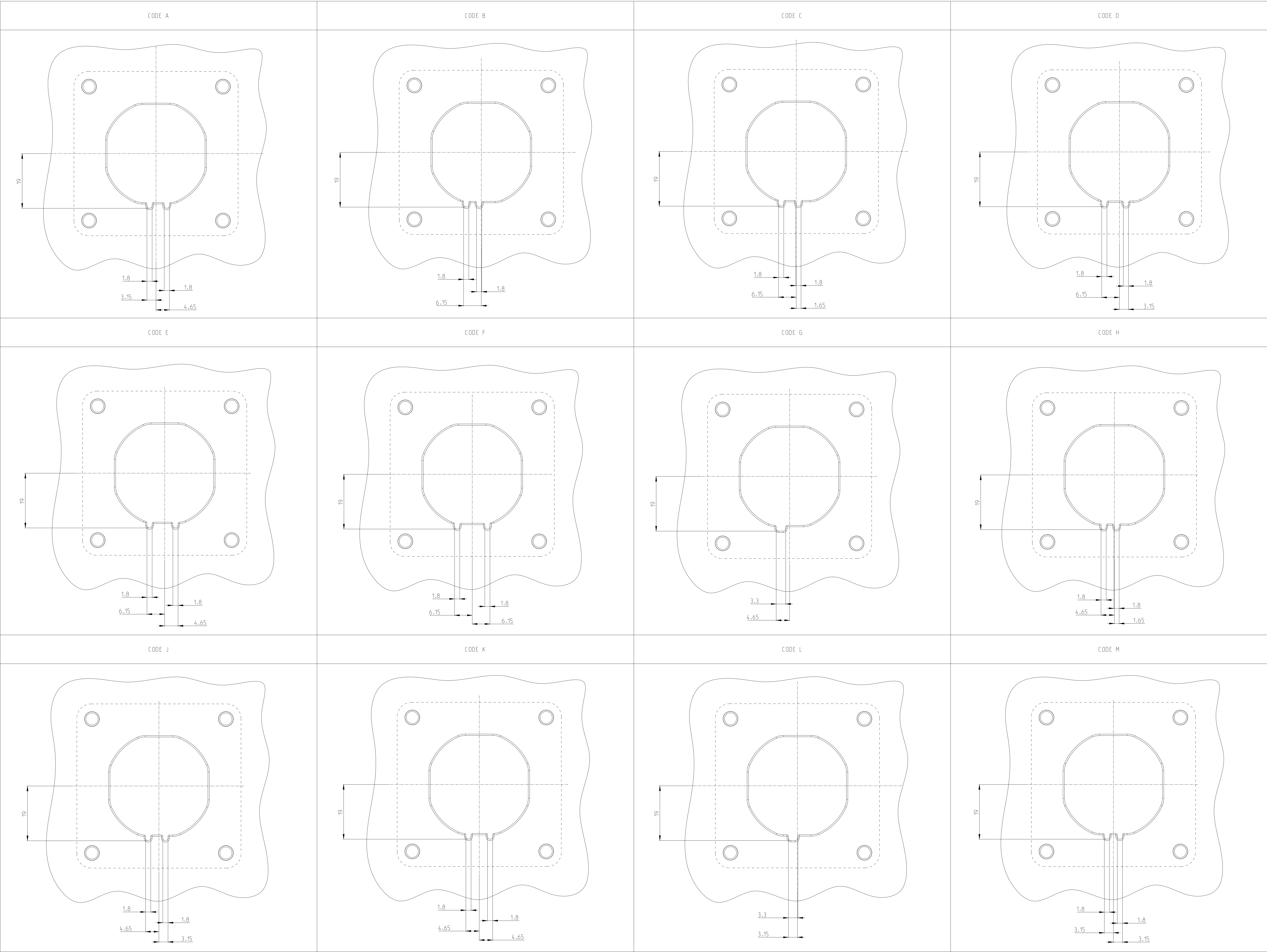
RESTRICTED TO

-

4896 (3/1/3)

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REVISIONS					
P	LTN	DESCRIPTION	DATE	DWN	APPD
-	-	SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL:
SEE TABLE

FINISH:
SPEC 2

WEIGHT:
SEE TABLE

CUSTOMER DRAWING

DESIGNED BY:
S. TAN

CHKD BY:
J. L. L.

APPROVED BY:
29DEC2021

DATE:
29DEC2021

PRODUCT SPEC:
108-160407

APPLICATION SPEC:
114-160222

WEIGHT:
SEE TABLE

CUSTOMER DRAWING

NAME:
1POS. PIN DIA 14.0.HDR ASSY.90DEG
HVP-HD1400

SIZE: CASE CODE: DRAWING NO:
A0 00779 ©=2399609

RESTRICTED TO:
-

SCALE:
2:1

SHEET:
5 OF 5

REV:
F1