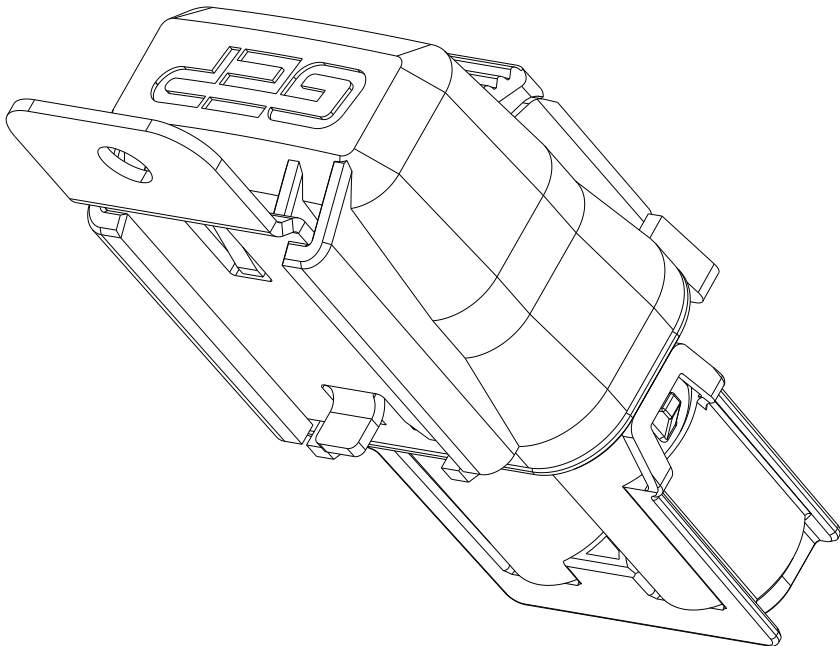
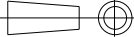


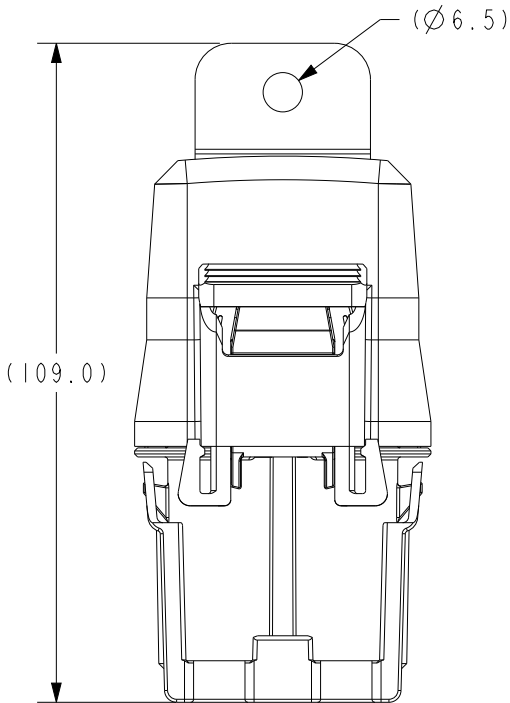
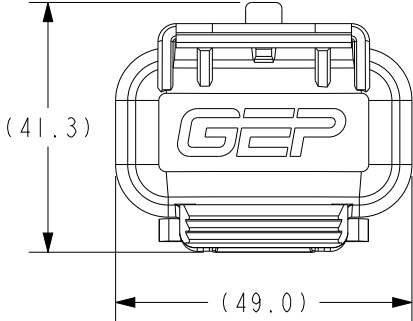
REV	REVISION DETAILS	ECO	DATE	BY	ABY
0	INITIAL RELEASE	NP-006182	01-10-2025	JWK	JML



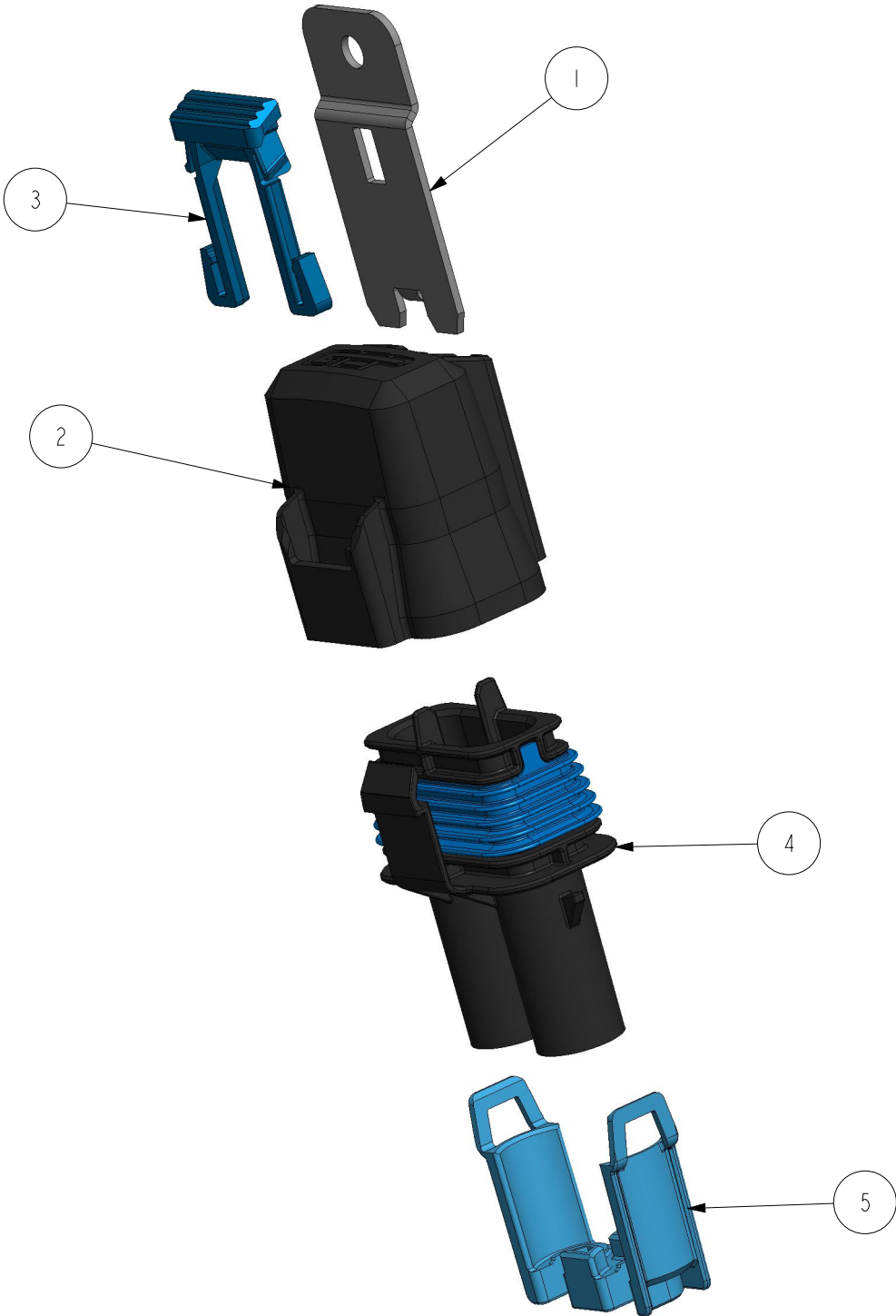
ISO VIEW
FOR REF ONLY

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 CRITICAL DIMENSIONS ON FEATURES TO BE CHECKED DURING ANY SET-UP ADJUSTMENTS, TOOL CHANGES, OR ANNUAL MAINTENANCE ON TOOLING.	 DIMENSIONS OR FEATURES TO BE CHECKED FROM RUN-TO-RUN	
TOLERANCES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION 
METRIC TOL	ENGLISH TOL	ANGULAR TOL= $\pm 2^{\circ}$ FRACTION TOL= $\pm 1/64$ IN
1 PL DEC. = $\pm .25$ 2 PL DEC. = $\pm .13$	2 PL DEC. = $\pm .01$ 3 PL DEC. = $\pm .005$	DIMENSIONS INSIDE PARENTHESES OR CONTAINING "REF" ARE FOR REFERENCE ONLY.
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		16830 Pheasant Drive Brookfield, WI 53005			
PART NO:		FRH MAXI PDM SERIES (SALES)			
DESCRIPTION:		FRH MAXI PDM SERIES (SALES)			
CUSTOMER:		STANDARD			
METRIC (MM)	REV	SHEET	SCALE	SIZE	
	0	1 OF 8	1.25:1	B	



EXAMPLE CONFIGURATION
WITH DIMENSIONAL INFO



EXAMPLE CONFIGURATION
EXPLODE VIEW

- NOTES:
- 1. HOUSING, COVER, & CPA MATERIAL: UNFILLED PBT
 - 2. TPA MATERIAL: NYLON
 - 3. BRACKET MATERIAL: ZINC PLATED STEEL OR STAINLESS STEEL (SEE PART DESCRIPTION)
 - 4. DESIGNED TO USE LEAR MAK8 TERMINAL AND GEP SEALS (SEE TABLE D)
 - 5. A 7 MM HOLE IS SUGGESTED FOR THE ANTI-ROTATION TAB
 - 6. RoHS AND REACH COMPLIANT

EXAMPLE CONFIGURATION BOM			
ITEM	DESCRIPTION	PART NO.	QTY
1	BRACKET - PDM - FRH - FLAT WITH ANTI-ROTATION - ZINC STEEL	FRH-A12-MB-A1	1
2	COVER - PDM - FRH MAXI	SC27-2001A-B001	1
3	CPA - PDM - FRH	FRH-A-CPA	1
4	HOUSING AND SEAL - PDM - FRH MAXI	SC42-2007A-B001	1
5	TPA - PDM-T - PDM-R - FRH MAXI	PDM-TT4	1

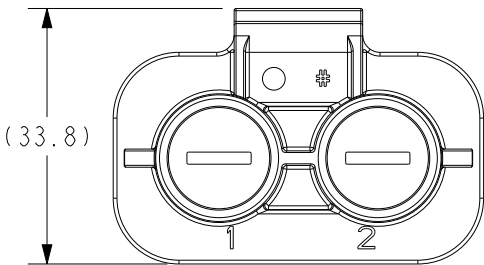
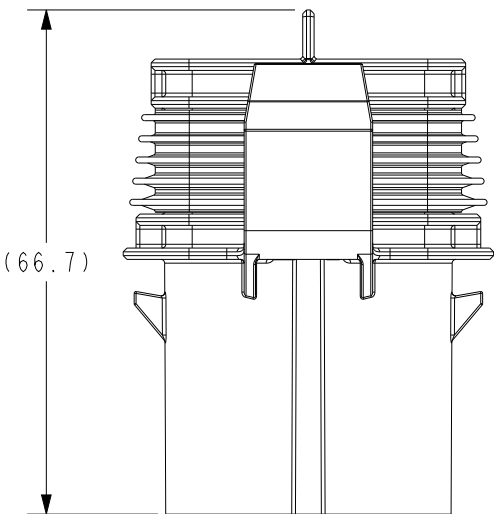
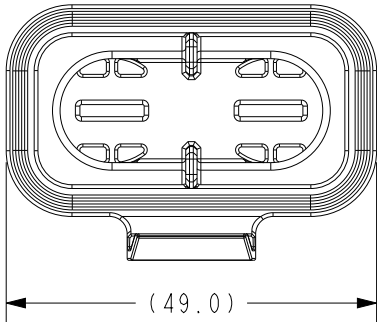


16830 Pheasant Drive
Brookfield, WI 53005

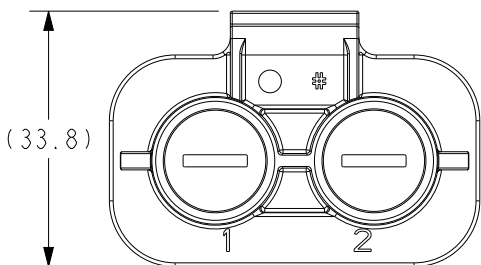
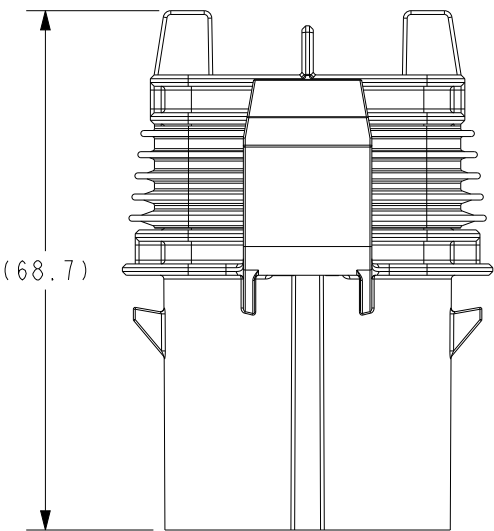
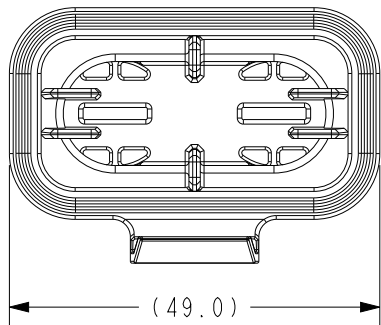
PART NO: FRH MAXI PDM SERIES (SALES)				
DESCRIPTION: FRH MAXI PDM SERIES (SALES)				
CUSTOMER: STANDARD				
METRIC (MM)	REV 0	SHEET 2 OF 8	SCALE 1:1.25	SIZE B

HOUSING W/SEAL OPTIONS

SC42-2007A-B001
HOUSING AND SEAL - PDM - FRH MAXI - 32V



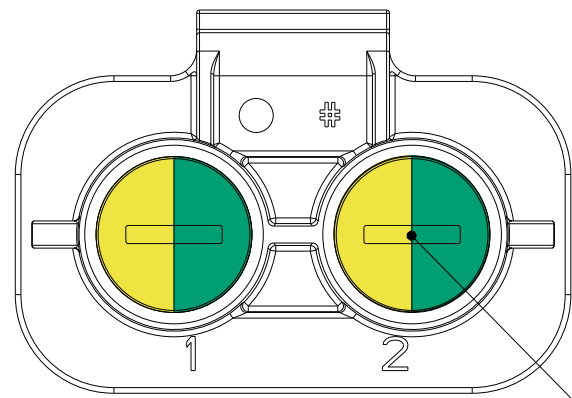
SC42-2007B-B001
HOUSING AND SEAL - PDM - FRH MAXI - 58V



		16830 Pheasant Drive Brookfield, WI 53005			
PART NO:		FRH MAXI PDM SERIES (SALES)			
DESCRIPTION:		FRH MAXI PDM SERIES (SALES)			
CUSTOMER:		STANDARD			
METRIC (MM)	REV	SHEET	SCALE	SIZE	
	0	3 OF 8	1.25:1	B	

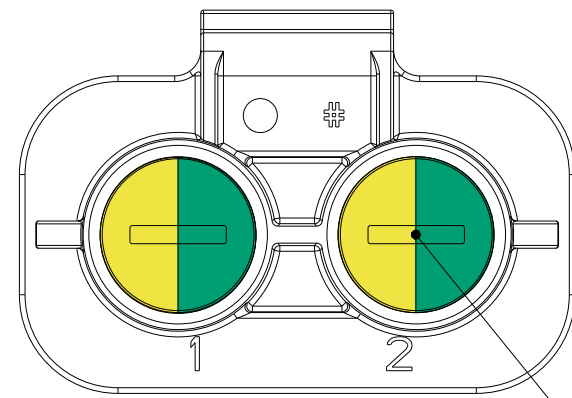
HOUSING TERMINALS AND SEALS

SC42-2007A-B001
HOUSING AND SEAL - PDM - FRH MAXI - 32V



LEAR MAK8 CAVITIES
SEE TABLE D FOR TERMINALS
AND CABLE SEALS

SC42-2007B-B001
HOUSING AND SEAL - PDM - FRH MAXI - 58V



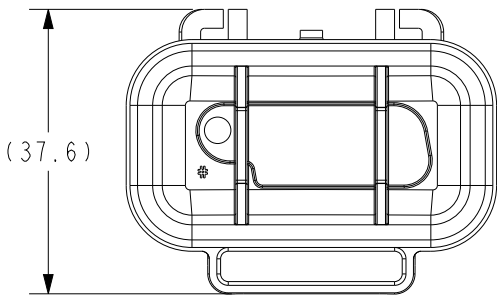
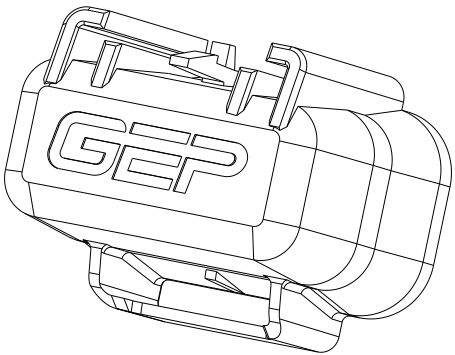
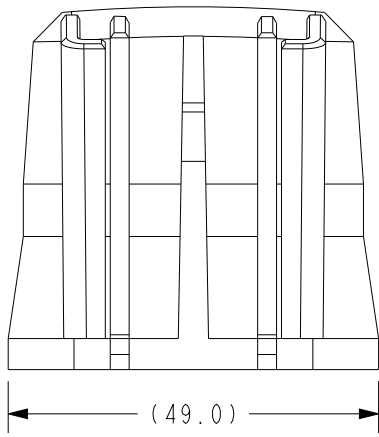
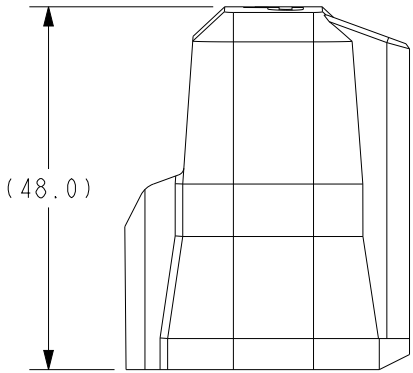
LEAR MAK8 CAVITIES
SEE TABLE D FOR TERMINALS
AND CABLE SEALS

Table D			REV 1
LEAR MAK8 PLUS TERMINALS (FOR REF. ONLY)			
PART NUMBER	RANGE (mm ²)	PLATING	VARIATION
28224 306 710	2.5-4.0	SILVER	1 - LONG SEAL
28469 306 189	2.5-4.0	SILVER/TIN	3 - SHORT SEAL
28225 306 710	6.0-10.0	SILVER	1 - LONG SEAL
28459 306 189	6.0-10.0	SILVER/TIN	3 - SHORT SEAL
28243 306 710	10.0-16.0	SILVER	1 - LONG SEAL
GEP CABLE SEALS (VARIATION 1 - LONG)			
PART NUMBER	CABLE DIA.	MATERIAL	COLOR
PDM-TWS-L1	2.7-3.0	SILICONE	GREEN
PDM-TWS-L2	3.4-3.8	SILICONE	PURPLE
PDM-TWS-L3	4.0-4.5	SILICONE	ORANGE
PDM-TWS-L4	4.6-5.3	SILICONE	LIGHT BLUE
PDM-TWS-L5	5.8-6.6	SILICONE	GRAY
PDM-TWS-L6	6.5-7.8	SILICONE	RED
GEP CABLE SEALS (VARIATION 3 - SHORT)			
PDM-TWS-S1	2.7-3.0	SILICONE	GREEN
PDM-TWS-S2	3.4-3.8	SILICONE	PURPLE
PDM-TWS-S3	4.0-4.5	SILICONE	ORANGE
PDM-TWS-S4	4.6-5.3	SILICONE	LIGHT BLUE
PDM-TWS-S5	5.8-6.6	SILICONE	GRAY
GEP CABLE SEAL PLUG			
PDM-TWS-P	N.A.	SILICONE	YELLOW
LEAR MAK8 PLUS TERMINAL REMOVAL TOOL (FOR REF. ONLY)			
PART # 50000017609 BY Karl Pülpichhuisen GmbH & Co.			

		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		FRH MAXI PDM SERIES (SALES)		
DESCRIPTION:		FRH MAXI PDM SERIES (SALES)		
CUSTOMER:		STANDARD		
METRIC (MM)	REV 0	SHEET 4 OF 8	SCALE 1:25:1	SIZE B

COVER OPTIONS

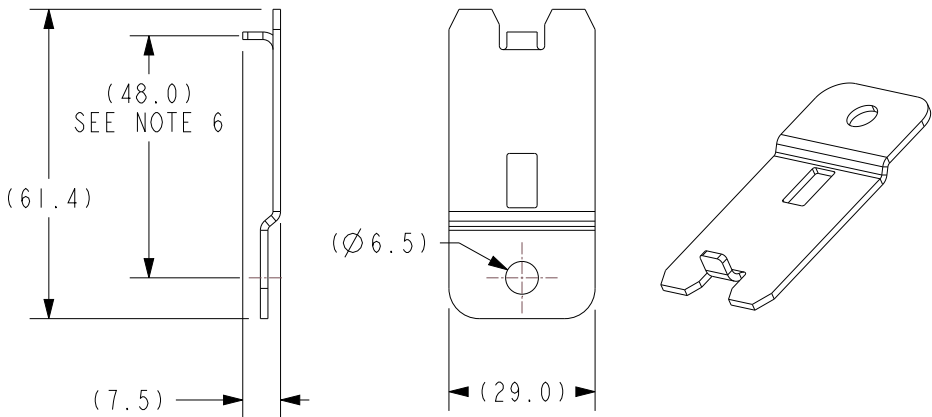
SC27-2001A-B001
COVER - PDM, FRH MAXI



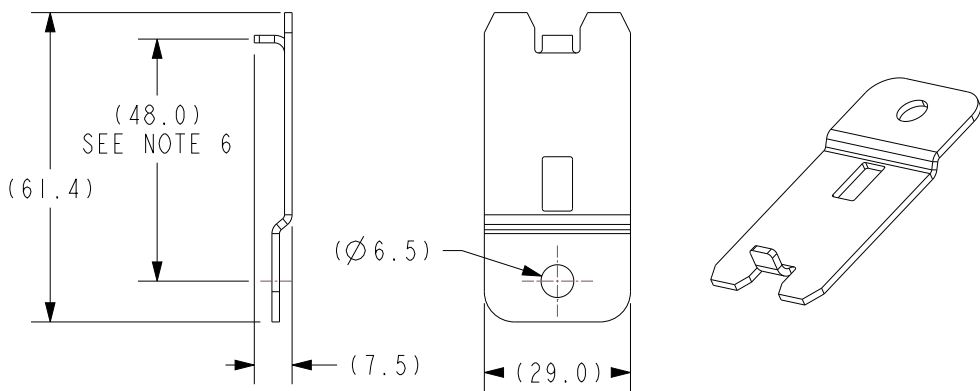
		16830 Pheasant Drive Brookfield, WI 53005			
PART NO:		FRH MAXI PDM SERIES (SALES)			
DESCRIPTION:		FRH MAXI PDM SERIES (SALES)			
CUSTOMER:		STANDARD			
METRIC (MM)	REV	SHEET	SCALE	SIZE	
	0	5 OF 8	1.25:1	B	

FRH - ACCESSORY OPTIONS

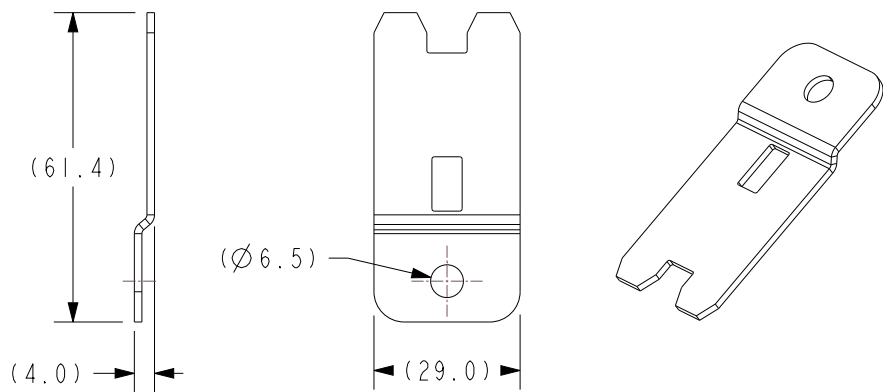
FRH-A12-MB-A1
BRACKET - PDM,FRH,FLAT WITH ANTI-ROTATION, ZINC STEEL



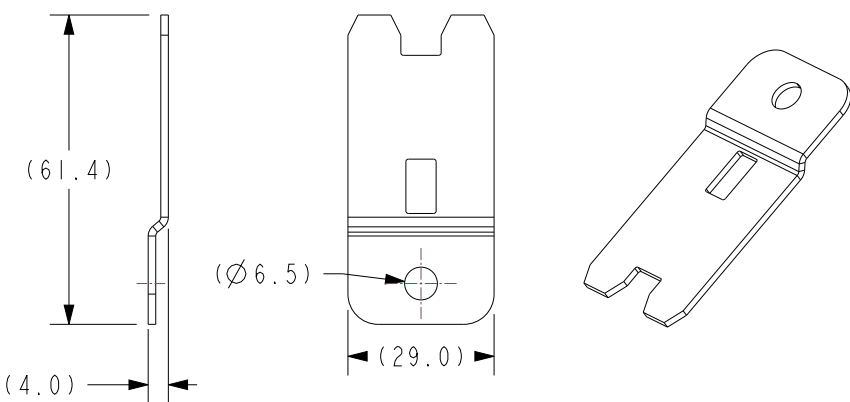
FRH-A12-MB-A2
BRACKET - PDM, FRH, FLAT WITH ANTI-ROTATION, STAINLESS 304



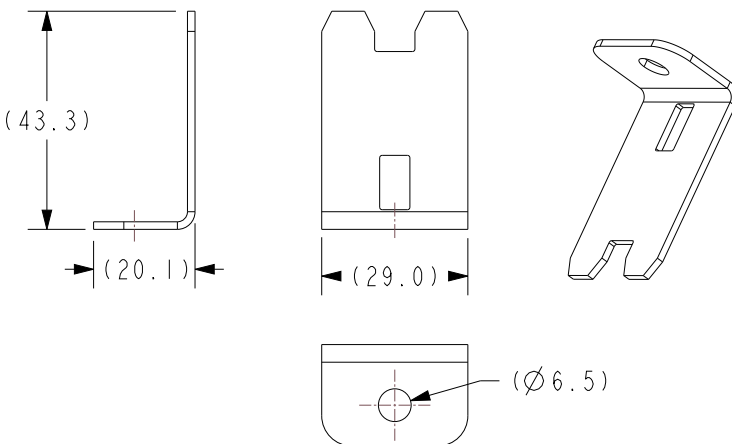
FRH-A12-MB-B1
BRACKET - PDM, FRH, FLAT WITHOUT ANTI-ROTATION, ZINC STEEL



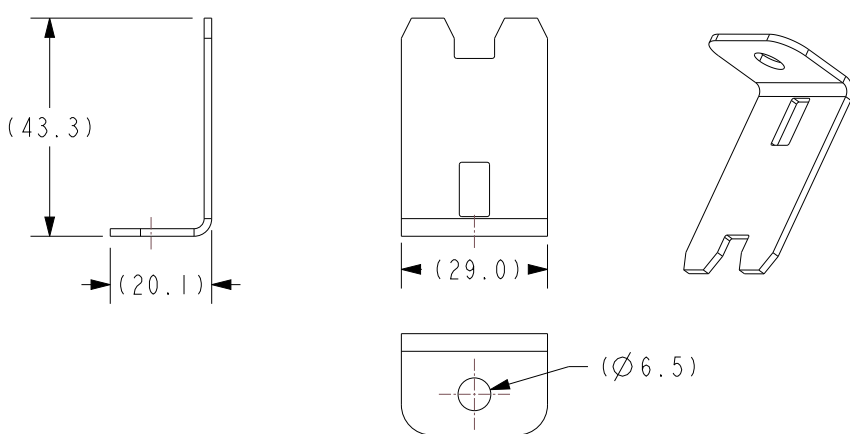
FRH-A12-MB-B2
BRACKET - PDM, FRH, FLAT WITHOUT ANTI-ROTATION, STAINLESS 304



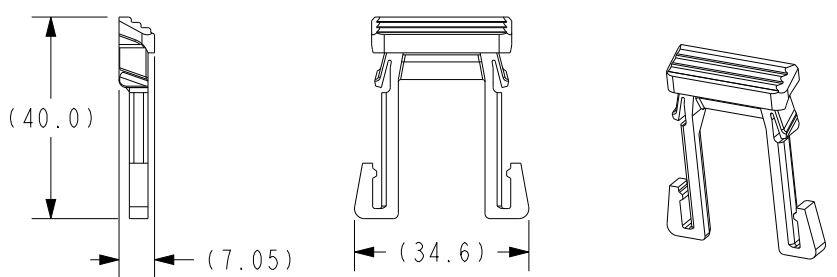
FRH-A12-MB-C1
BRACKET - PDM, FRH, 90° BENT, ZINC STEEL



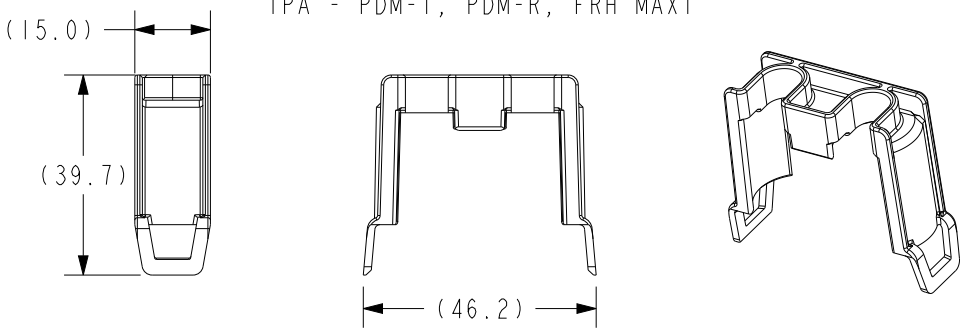
FRH-A12-MB-C2
BRACKET - PDM, FRH, 90° BENT, STAINLESS 304



FRH-A-CPA
CPA - PDM, FRH



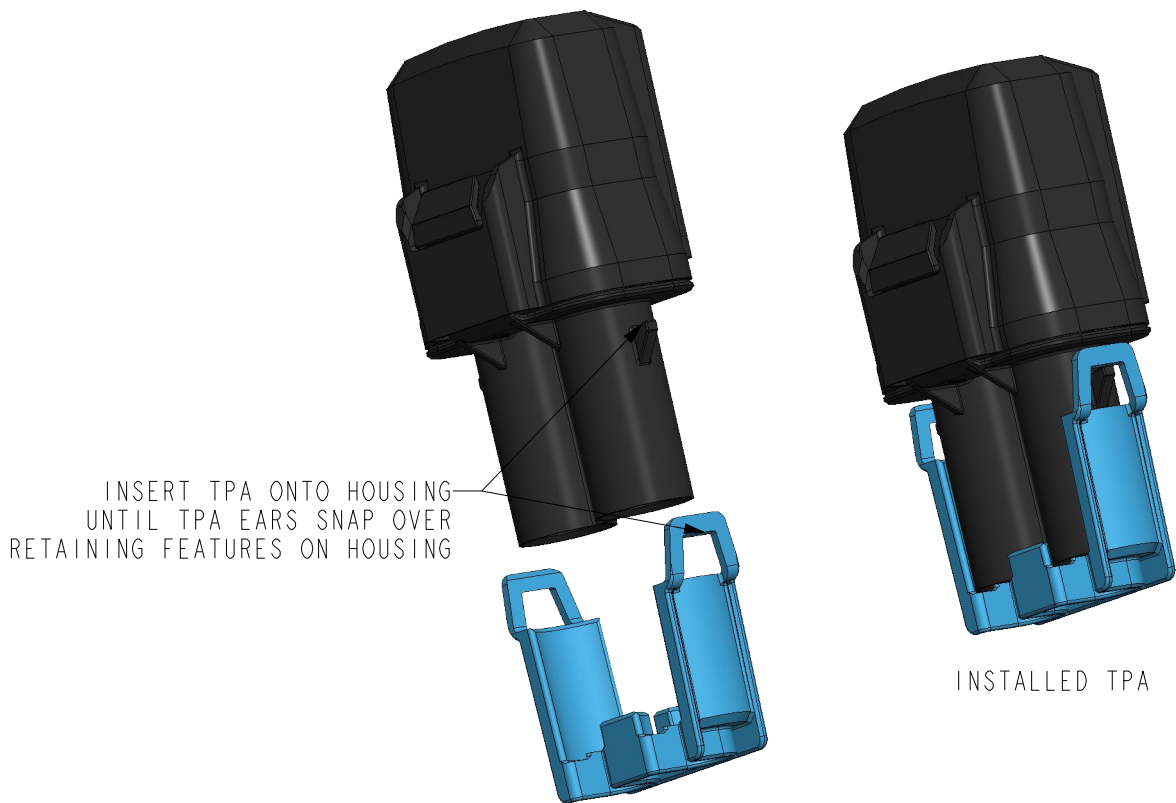
PDM-TT4
TPA - PDM-T, PDM-R, FRH MAXI



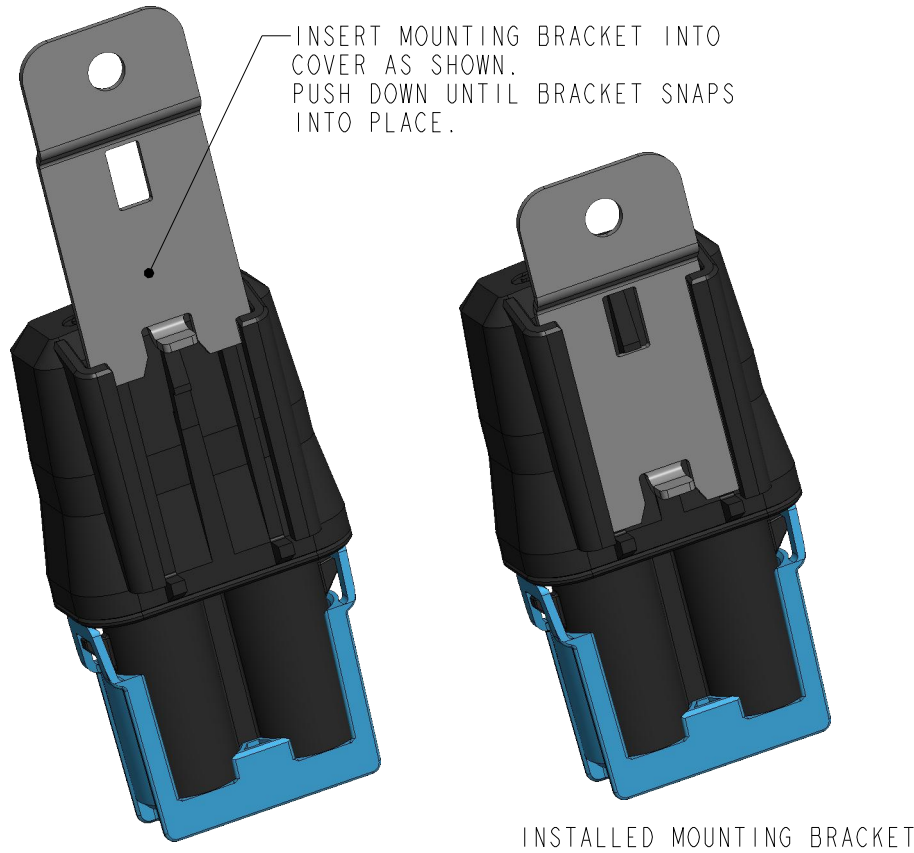
		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		FRH MAXI PDM SERIES (SALES)		
DESCRIPTION:		FRH MAXI PDM SERIES (SALES)		
CUSTOMER:		STANDARD		
METRIC (MM)	REV 0	SHEET 6 OF 8	SCALE 1:1.5	SIZE B

ACCESSORY ASSEMBLY INSTRUCTIONS

TPA INSTALLATION



MOUNTING BRACKET INSTALLATION



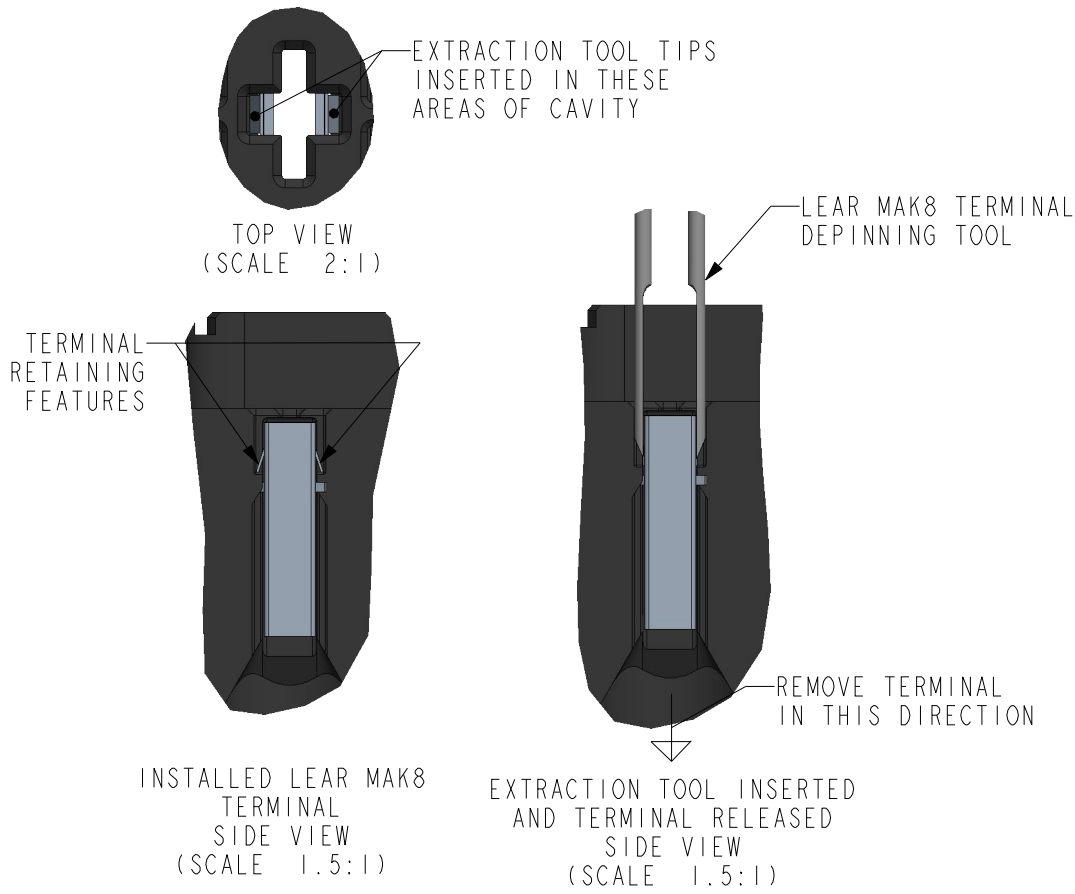
CPA INSTALLATION



GEP POWER PRODUCTS		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		FRH MAXI PDM SERIES (SALES)		
DESCRIPTION:		FRH MAXI PDM SERIES (SALES)		
CUSTOMER:		STANDARD		
METRIC (MM)	REV 0	SHEET 7 OF 8	SCALE 1:1.25	SIZE B

DEPINNING INSTRUCTIONS

LEAR MAK8 TERMINAL DEPINNING



		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		FRH MAXI PDM SERIES (SALES)		
DESCRIPTION:		FRH MAXI PDM SERIES (SALES)		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	0	8 OF 8	1:1	B