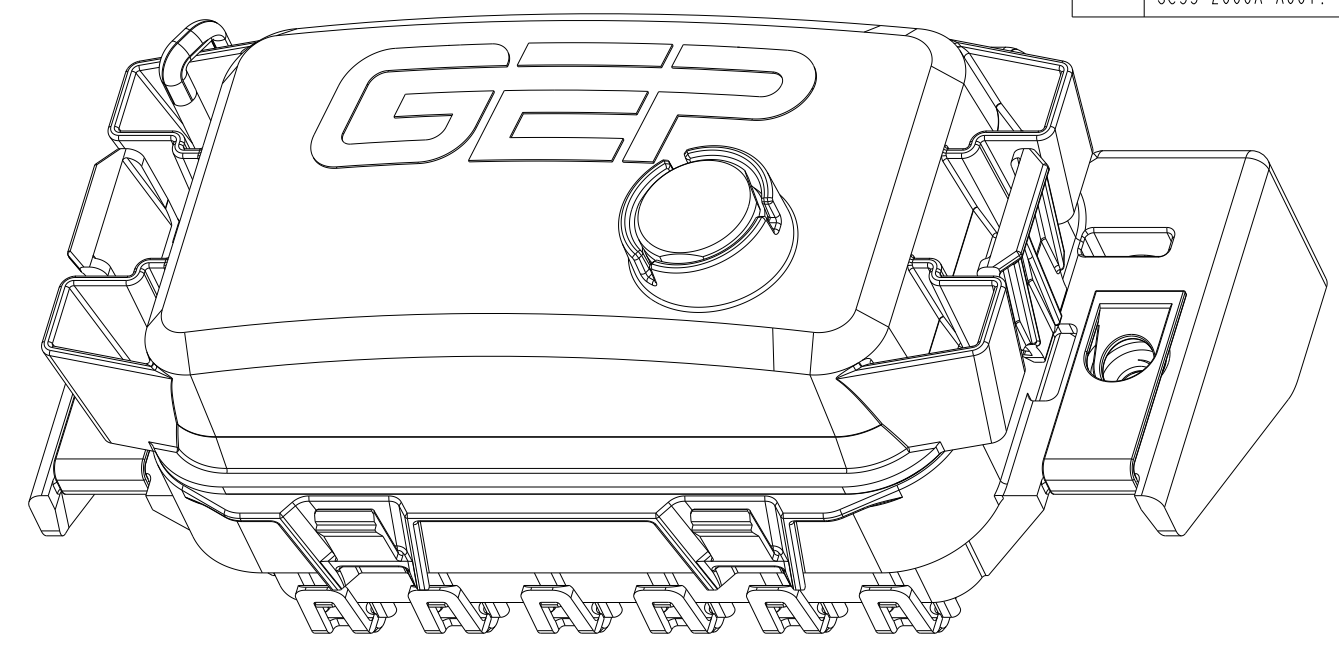


REV	REVISION DETAILS	ECO	DATE	BY	ABY
0	UPDATE FORMAT	N/A	14JAN2014	RR	KS
1	ADDED PDM-S4XXX OPTION	N/A	26MAR2014	RR	KS
2	UPDATED TO LATEST FORMAT. MOVED COMPONENT INSERT OPTIONS TO SHEET 3, MOUNTING OPTION TO SHEET 4, COMPONENT OPTIONS TO SHEET 5, TABLES TO SHEET 6. UPDATED & ADDED SEVERAL NOTES. COVER TETHER OPTIONS B & D TO OBSOLETE. MOUNTING OPTION 1 TO OBSOLETE. VIEWS ADDED TO BETTER SHOW DIFFERENT MOUNTING OPTIONS. ADDED PANEL CUTOUTS FOR SINGLE & GANGED OPTIONS. ADDED COVERS PDM-SC & SC42-2016A-A001, MOUNT CLIPS PDM-TMC, PDM-SMC, VENT SERVICE PART SC46-2000B-A000 TO SHEET 5. UPDATED COMPONENT NOTES. ADDED TERMINAL REMOVAL TOOL TO TABLE. CORRECTED CABLE RANGE FOR 12077413, ALL DIMENSIONS CHANGED TO REFERENCE.	NP-003763	30SEP2021	JWK	JJW
3	PART NUMBER WAS PDM-SXXXX. UPDATED DESCRIPTION. UPDATED TO LATEST DRAWING STANDARDS.	NP-005842	15JAN2024	JWK	JML
4	UPDATED LAYOUT WITH INDIVIDUAL SHEETS FOR HOUSING TERMINAL/SEAL INFORMATION. UPDATED NOTES.	NP-006161	31MAY2024	JWK	JML
5	UPDATED NOTES & TETHER. UPDATED AVAILABILITY INFORMATION	NP-006188	18JUN2024	JWK	JML
6	UPDATED TO LATEST DRAWING STANDARD. ADDED ATO HOUSING PART NUMBERS. ADDED SHEETS WITH HOUSING/SEAL/CLIP ASSEMBLIES.	NP-006711	15APR2025	JWK	JML
7	CORRECTED PART NUMBERS	NP-006851	02JUN2025	JWK	JTW
8	CORRECTED PART NUMBERS	NP-006966	23JUL2025	JWK	JML
9	SHT 9: ADDED CAVITY PLUG WITH SEAL SC55-2000A-A001. UPDATED TABLES	NP-007405	30APR2026	JWK	JML



ISO VIEW
FOR REF ONLY

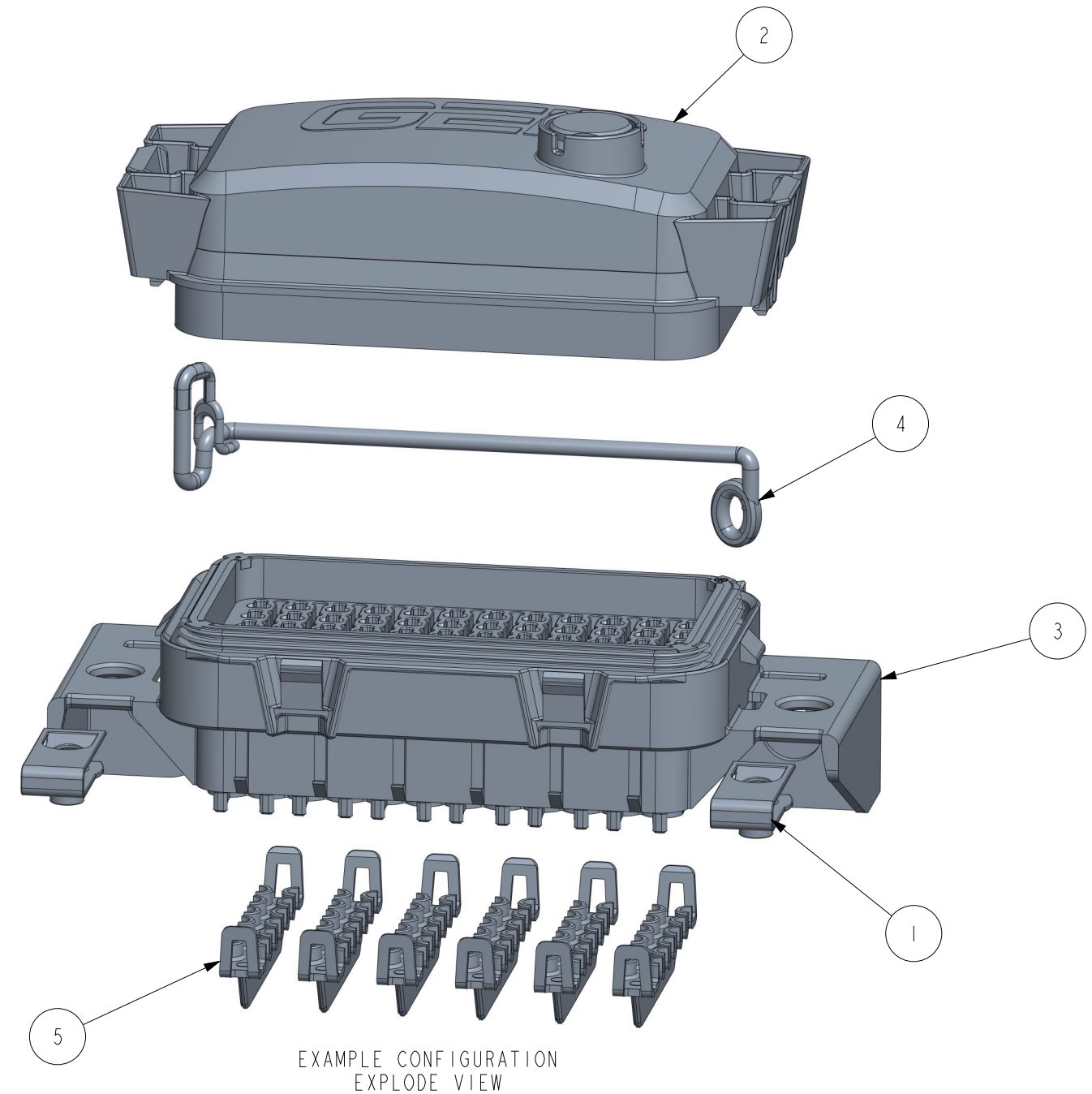
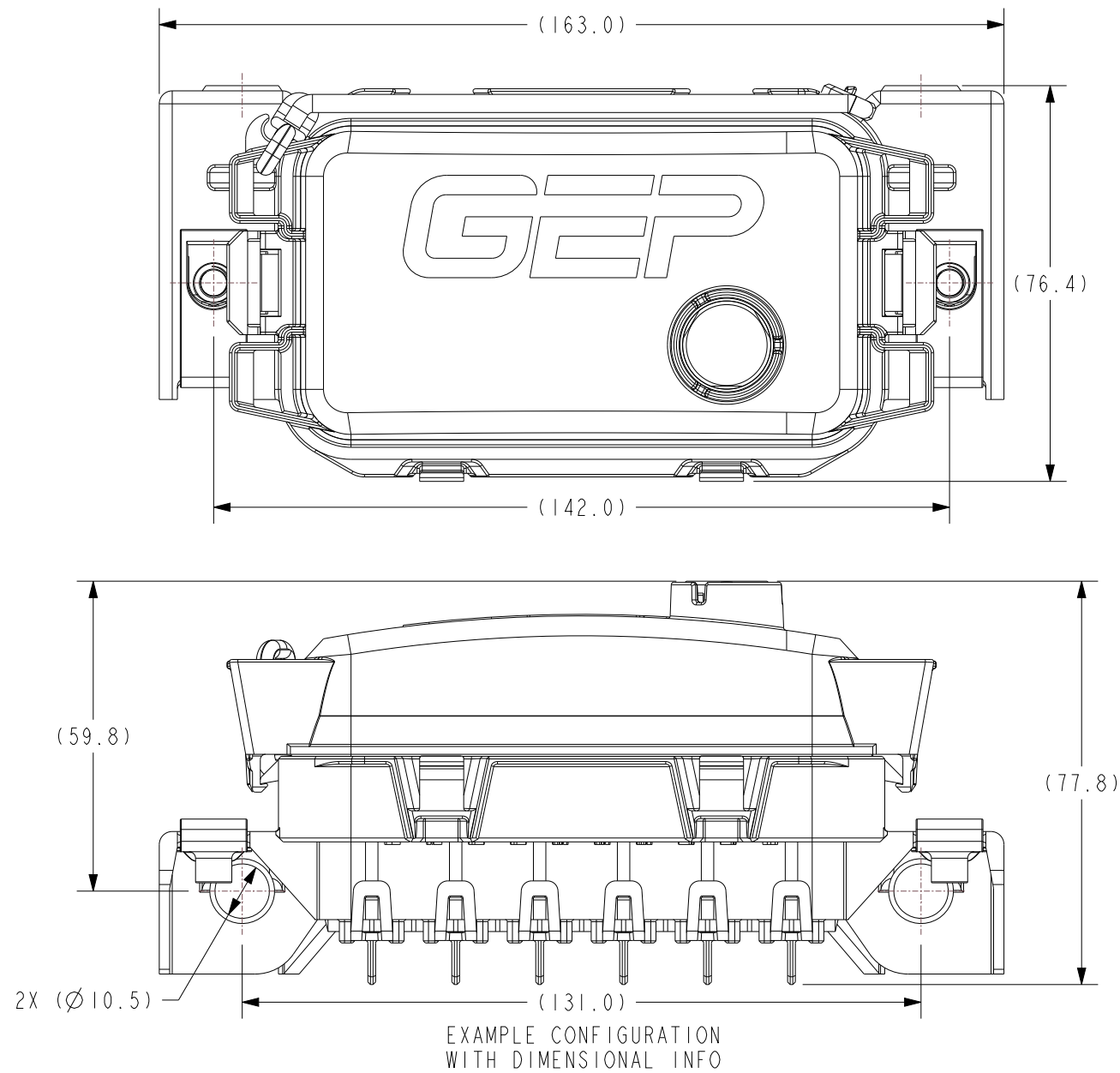
CONFIDENTIAL

The information contained in this document is the property of GEP Power Products. It is not for public disclosure. Possession of the information does not convey any right to loan, sell or disclose the information. Unauthorized reproduction or use of the information is prohibited. This document is to be returned to GEP Power Products upon completion of the purpose for which it is loaned or upon request.

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	
METRIC TOL	ENGLISH TOL
1 PL DEC. = ±.25 2 PL DEC. = ±.13	2 PL DEC. = ±.01 3 PL DEC. = ±.005
THIRD ANGLE PROJECTION 	
ANGULAR TOL = ±2° FRACTION TOL = ±1/64 IN	
DIMENSIONS INSIDE PARENTHESES OR CONTAINING "REF" ARE FOR REFERENCE ONLY.	
COPYRIGHT - GEP POWER PRODUCTS This is unpublished work. The disclosure of this work is limited to a select personnel. Further dissemination or disclosure to the public is PROHIBITED. This unpublished work is protected by Federal Copyright law and all rights thereunder are reserved by GEP Power Products.	

		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		PDM-S SERIES (SALES)		
DESCRIPTION:		POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	9	1 OF 12	1:1	B

EXAMPLE CONFIGURATION & NOTES



- NOTES:
1. HOUSING & COVER MATERIAL: PBT POLYESTER
 2. HOUSING & COVER FINISH/COLOR: MATTE/BLACK
 3. CORRECT TERMINAL SEALS AND/OR CAVITY PLUGS MUST BE USED TO ENSURE A SEALED UNIT
 4. IF ADDITIONAL MODULES ARE ADDED THESE DIMENSIONS INCREASE BY 72.2 MM FOR EACH MODULE. PDM-S BLOCKS CAN BE GANGED WITH PDM-R BLOCKS
 5. RECOMMENDED MAXIMUM MOUNTING TORQUE: 40 IN-LBS
 6. DIMENSIONS ARE FOR REFERENCE ONLY
 7. TABLES A & B: AVAILABILITY OF INDIVIDUAL PART NUMBERS NEEDS TO BE VERIFIED WITH THE TERMINAL MANUFACTURER
 8. RoHS AND REACH COMPLIANT

EXAMPLE CONFIGURATION BOM			
ITEM	DESCRIPTION	PART NO.	QTY
1	CLIP - PDM - M6-1.0 - 0.8-4MM PANEL - U-SPRING NUT - LONG	PDM-SMC	2
2	COVER WITH VENT - PDM-S - GEP	SC42-2019A-A001	1
3	HOUSING AND SEAL - PDM-S, 72 POS, 280 TERM	SC42-2005A-B001	1
4	TETHER - COVER	PDM-SCT	1
5	TPA - PDM-S, 280 TERM	SC38-2000A-B003	6

GEP POWER PRODUCTS 16830 Pheasant Drive
Brookfield, WI 53005

PART NO: PDM-S SERIES (SALES)

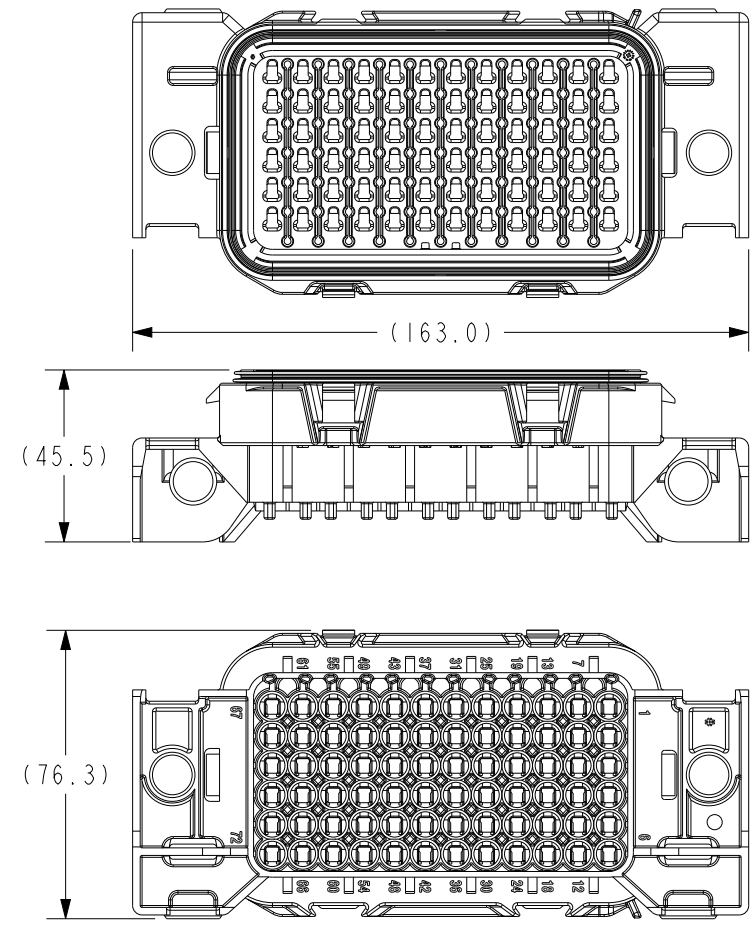
DESCRIPTION: POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING

CUSTOMER: STANDARD

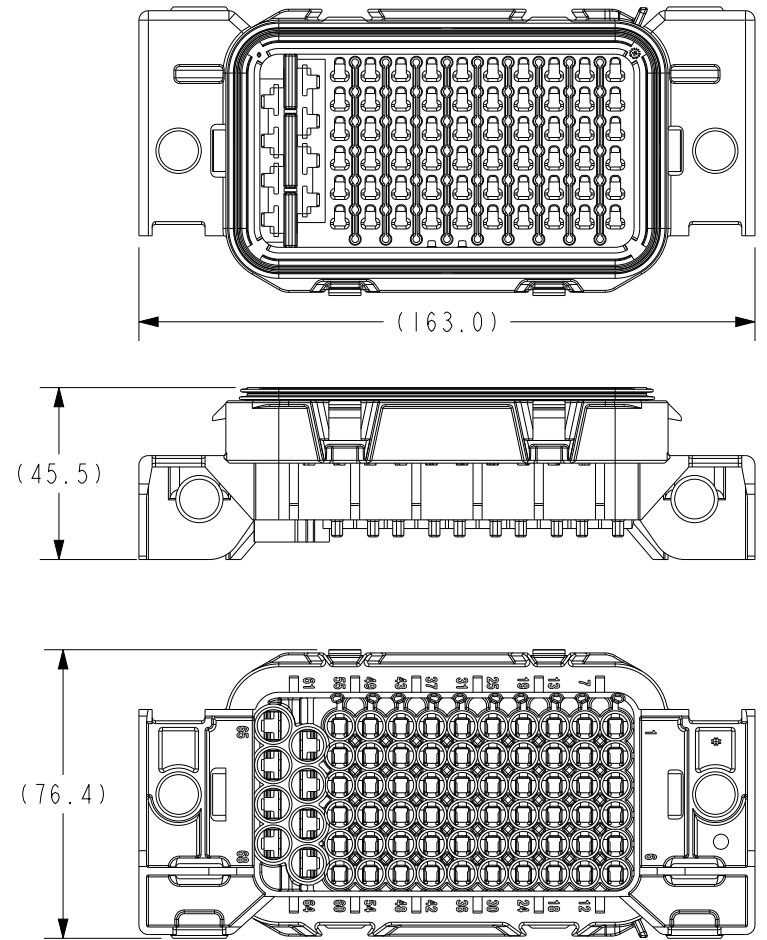
METRIC (MM)	REV 9	SHEET 2 OF 12	SCALE 1:1.25	SIZE B
-------------	-------	---------------	--------------	--------

HOUSING W/SEAL OPTIONS

SC42-2005A-B001
 HOUSING AND SEAL - PDM-S, 72 POS, 280 TERM
 SEE NOTE 4



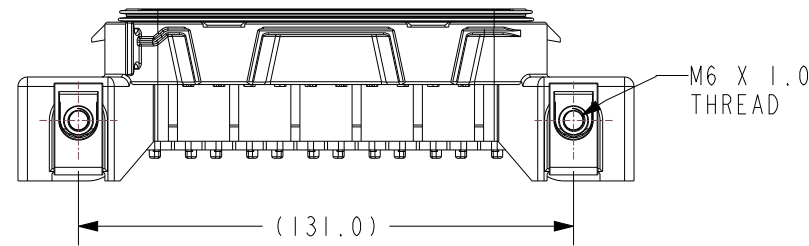
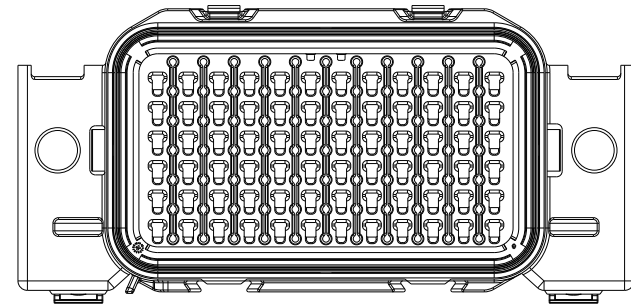
SC42-2005B-B001
 HOUSING AND SEAL - PDM-S, 68 POS, 280 AND ATO TERM
 SEE NOTE 5



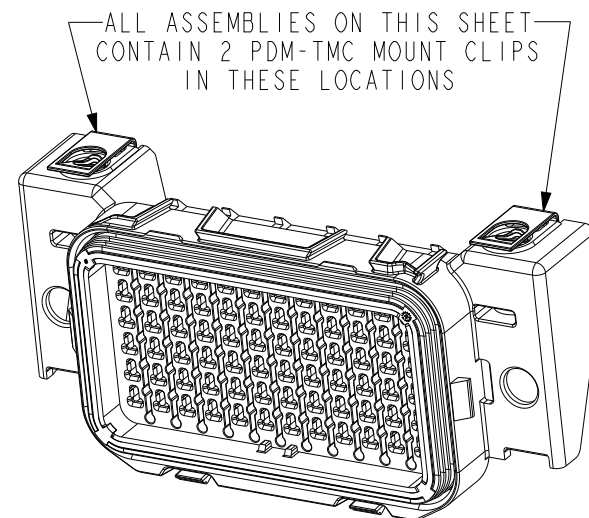
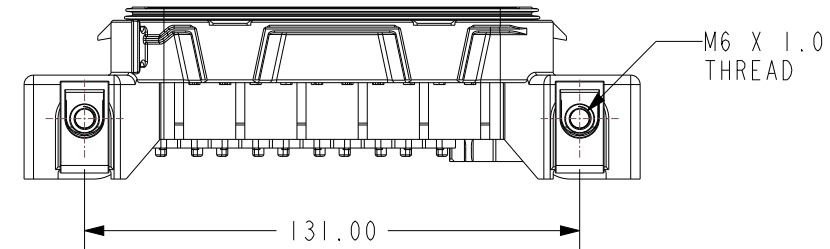
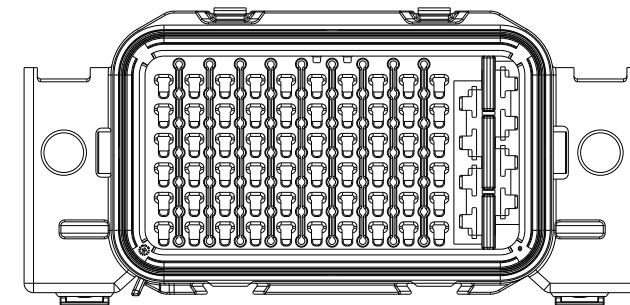
GEP POWER PRODUCTS		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		PDM-S SERIES (SALES)		
DESCRIPTION:		POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	9	3 OF 12	1:1	B

HOUSING W/SEAL & SIDE MOUNT CLIPS OPTIONS

SC42-2034A-A001
HOUSING AND SEAL - PDM-S - 280 TERM - SM CLPS



SC42-2034B-A001
HOUSING AND SEAL - PDM-S - 280 AND ATO TERM - SM CLPS



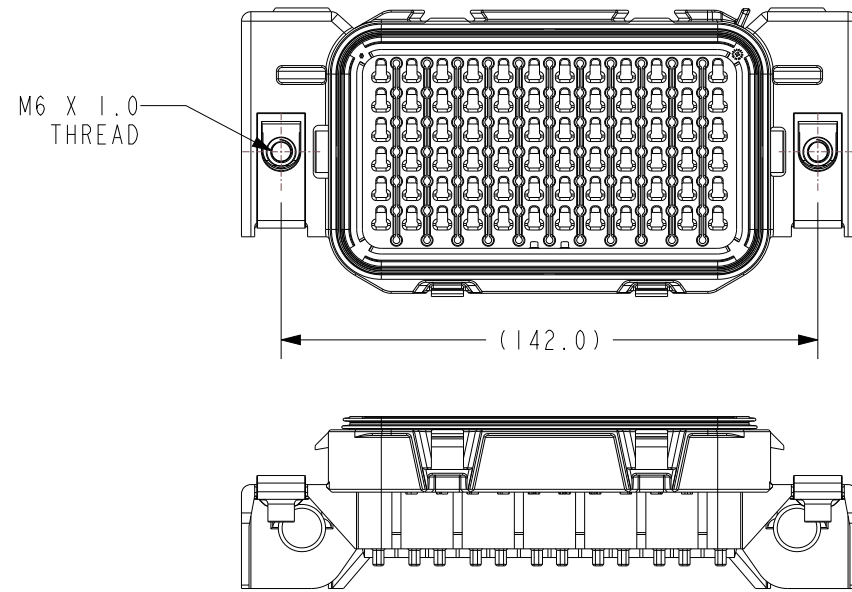
ALL ASSEMBLIES ON THIS SHEET
CONTAIN 2 PDM-TMC MOUNT CLIPS
IN THESE LOCATIONS

NOTE: MOUNTING CLIPS CAN ALSO BE PURCHASED SEPARATELY.
SEE SHEET 11 FOR ASSEMBLY INSTRUCTIONS.

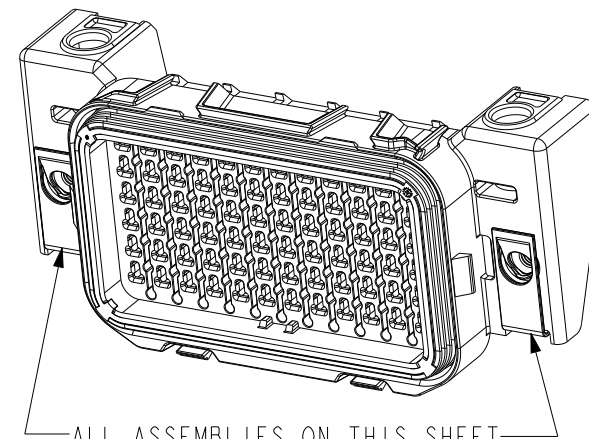
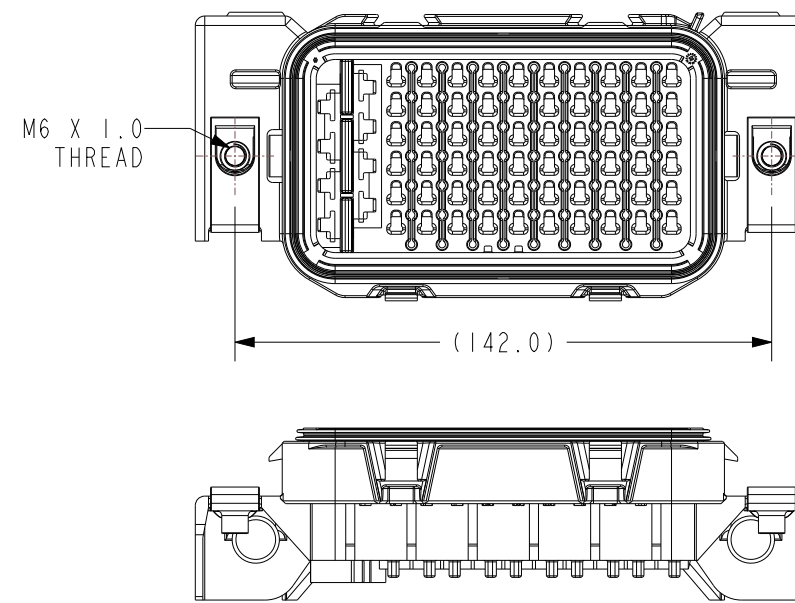
GEP POWER PRODUCTS		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		PDM-S SERIES (SALES)		
DESCRIPTION:		POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	9	4 OF 12	1:1	B

HOUSING W/SEAL & TOP MOUNT CLIPS OPTIONS

SC42-2035A-A001
HOUSING AND SEAL - PDM-S - 280 TERM - TM CLPS



SC42-2035B-A001
HOUSING AND SEAL - PDM-S - 280 AND ATO TERM - TM CLPS

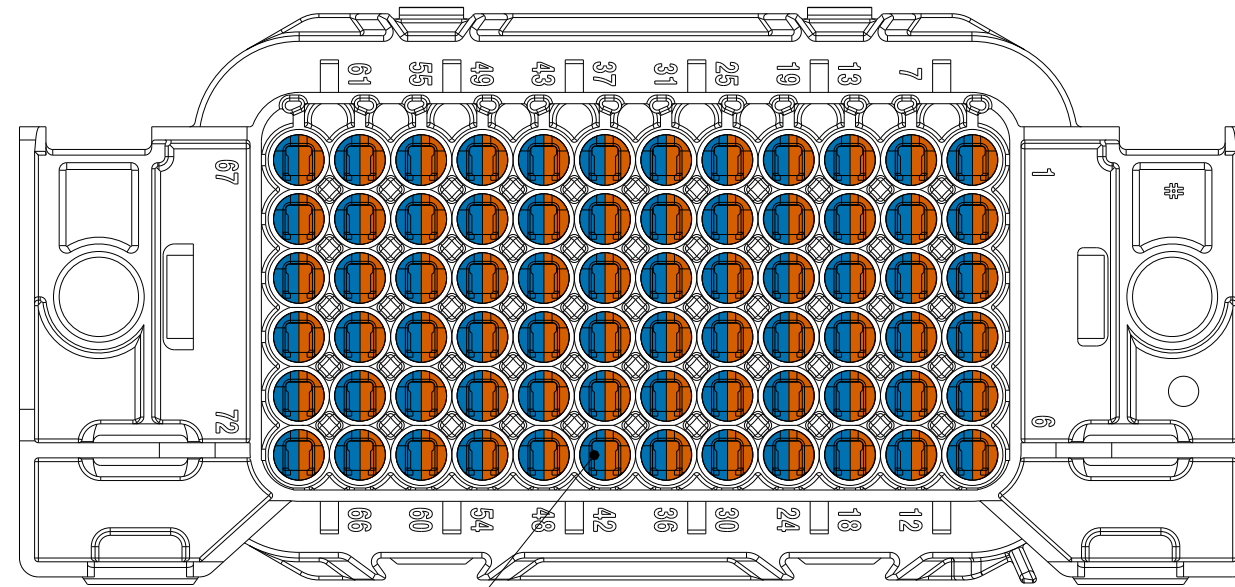


ALL ASSEMBLIES ON THIS SHEET
CONTAIN 2 PDM-SMC MOUNT CLIPS
IN THESE LOCATIONS

NOTE: MOUNTING CLIPS CAN ALSO BE PURCHASED SEPARATELY.
SEE SHEET 11 FOR ASSEMBLY INSTRUCTIONS.

GEP POWER PRODUCTS		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:	PDM-S SERIES (SALES)			
DESCRIPTION:	POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING			
CUSTOMER:	STANDARD			
METRIC (MM)	REV 9	SHEET 5 OF 12	SCALE 1:1	SIZE B

TERMINAL AND CABLE SEAL INFORMATION
 SC42-2005A-B001, SC42-2034A-A001, SC42-2035A-A001



280 CAVITIES
 SEE TABLE A FOR TERMINALS
 AND CABLE SEALS

Table A			REV 2
APTIV (DELPHI) 280 METRI-PACK TERMINALS			
PART NUMBER	CABLE RANGE (mm ²)	MATERIAL	PLATING
12077413	3	TIN BRASS	TIN
12129493	2.0-3.0	TIN BRASS	TIN
12077411	0.8-1.0	TIN BRASS	TIN
12084201	0.35-0.50	TIN BRASS	TIN
12176387	5	BERYLLIUM COPPER	SILVER/NICKEL
12176388	2.0-3.0	BERYLLIUM COPPER	SILVER/NICKEL
12176389	0.8-1.0	BERYLLIUM COPPER	SILVER/NICKEL
APTIV (DELPHI) 280 METRI-PACK CABLE SEALS (FOR REF. ONLY)			
PART NUMBER	CABLE DIAMETER	MATERIAL	COLOR
15324981	3.45-4.3	SILICONE	BLUE
15324980	2.81-3.49	SILICONE	LT. GRAY
15324982	2.03-2.85	SILICONE	GREEN
15324984	2.03-2.42	SILICONE	TAN
15324985	1.6-2.15	SILICONE	PURPLE
15324983	1.29-1.70	SILICONE	DK. RED
12010300	PLUG	SILICONE	GREEN
DELPHI 280 METRI-PACK TERMINAL REMOVAL TOOL (FOR REF. ONLY)			
PART # 12094430			

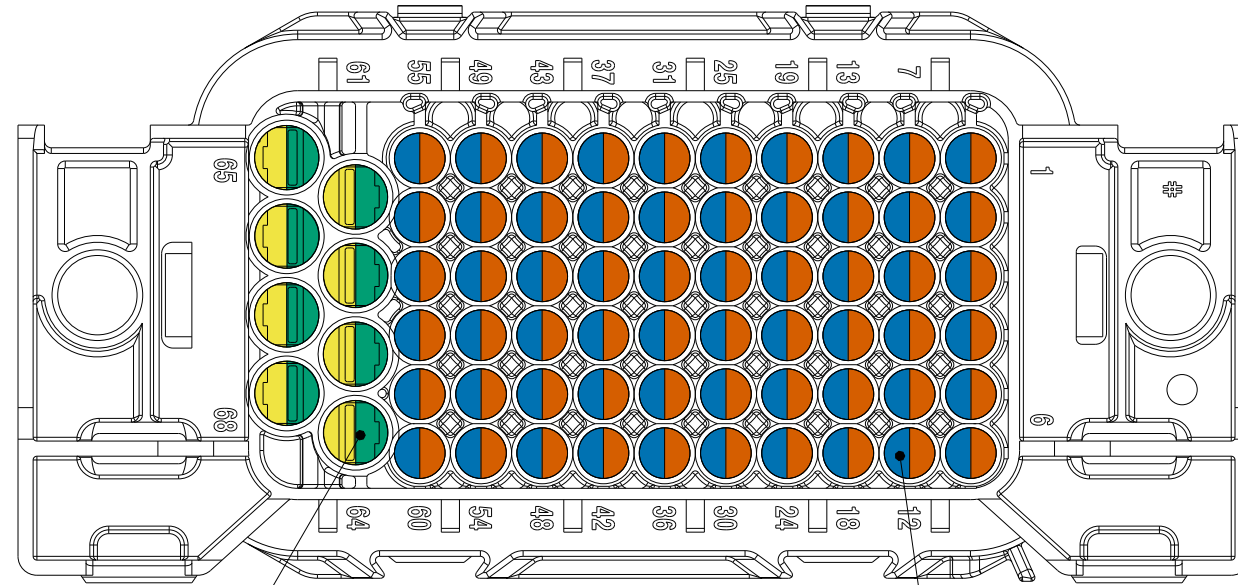
GEP POWER PRODUCTS 16830 Pheasant Drive
 Brookfield, WI 53005

PART NO: PDM-S SERIES (SALES)
 DESCRIPTION: POWER DISTRIBUTION MODULE - MODEL S,
 SERIES DRAWING
 CUSTOMER: STANDARD

METRIC (MM)	REV 9	SHEET 6 OF 12	SCALE 1:1	SIZE B
-------------	----------	------------------	--------------	-----------

TERMINAL AND CABLE SEAL INFORMATION

SC42-2005B-B001, SC42-2034B-A001, SC42-2035B-A001




630 CAVITIES
SEE TABLE B FOR TERMINALS
AND CABLE SEALS

280 CAVITIES
SEE TABLE A FOR TERMINALS
AND CABLE SEALS

Table B			REV 2
APTIV (DELPHI) 630 METRI-PACK TERMINALS			
PART NUMBER	RANGE (mm ²)	MATERIAL	PLATING
15317331	4.00-6.00	TIN BRASS	TIN
12052456	3.00-5.00	TIN BRASS	TIN
12052455	1.00-2.00	TIN BRASS	TIN
12052457	0.50-0.80	TIN BRASS	TIN
15317332	4.00-6.00	BERYLLIUM COPPER	SILVER/NICKEL
15305232	3.00-5.00	BERYLLIUM COPPER	SILVER/NICKEL
APTIV (DELPHI) 480 METRI-PACK CABLE SEALS (REF. ONLY)			
NOTE: 630 CAVITIES IN THIS HOUSING ARE DESIGNED TO BE USED WITH 480 SERIES CABLE SEALS			
PART NUMBER	CABLE DIA.	MATERIAL	COLOR
15363779	1.20-2.00	SILICONE	YELLOW
15324991	1.60-2.15	SILICONE	YELLOW
15327998	2.00-2.70	SILICONE	BLUE
15324988	2.00-2.90	SILICONE	WHITE
15363604	2.00-2.90	SILICONE	WHITE
15324989	2.80-3.90	SILICONE	DK. RED
15327864	2.80-3.80	SILICONE	DK. RED
15363605	3.60-4.50	SILICONE	GREEN
10733145	4.40-5.10	SILICONE	GRAY
15344647	4.40-5.10	SILICONE	GRAY
35232480	PLUG	SILICONE	LT. GREEN
DELPHI METRI-PACK TERMINAL REMOVAL TOOL (FOR REF. ONLY)			
PART # 12094430			

Table A			REV 2
APTIV (DELPHI) 280 METRI-PACK TERMINALS			
PART NUMBER	CABLE RANGE (mm ²)	MATERIAL	PLATING
12077413	3	TIN BRASS	TIN
12129493	2.0-3.0	TIN BRASS	TIN
12077411	0.8-1.0	TIN BRASS	TIN
12084201	0.35-0.50	TIN BRASS	TIN
12176387	5	BERYLLIUM COPPER	SILVER/NICKEL
12176388	2.0-3.0	BERYLLIUM COPPER	SILVER/NICKEL
12176389	0.8-1.0	BERYLLIUM COPPER	SILVER/NICKEL
APTIV (DELPHI) 280 METRI-PACK CABLE SEALS (FOR REF. ONLY)			
PART NUMBER	CABLE DIAMETER	MATERIAL	COLOR
15324981	3.45-4.3	SILICONE	BLUE
15324980	2.81-3.49	SILICONE	LT. GRAY
15324982	2.03-2.85	SILICONE	GREEN
15324984	2.03-2.42	SILICONE	TAN
15324985	1.6-2.15	SILICONE	PURPLE
15324983	1.29-1.70	SILICONE	DK. RED
12010300	PLUG	SILICONE	GREEN
DELPHI 280 METRI-PACK TERMINAL REMOVAL TOOL (FOR REF. ONLY)			
PART # 12094430			



16830 Pheasant Drive
Brookfield, WI 53005

PART NO:		PDM-S SERIES (SALES)		
DESCRIPTION:		POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	9	7 OF 12	1:1	B

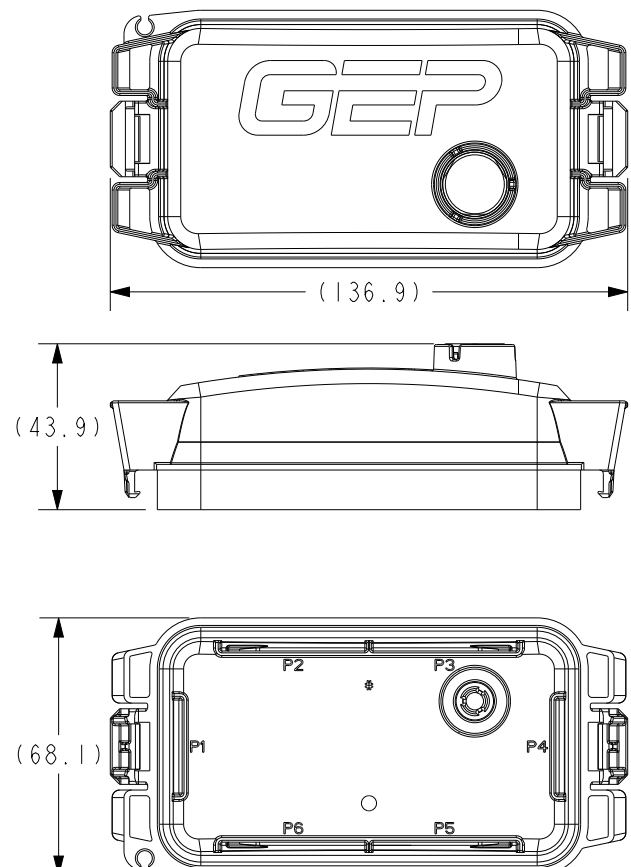
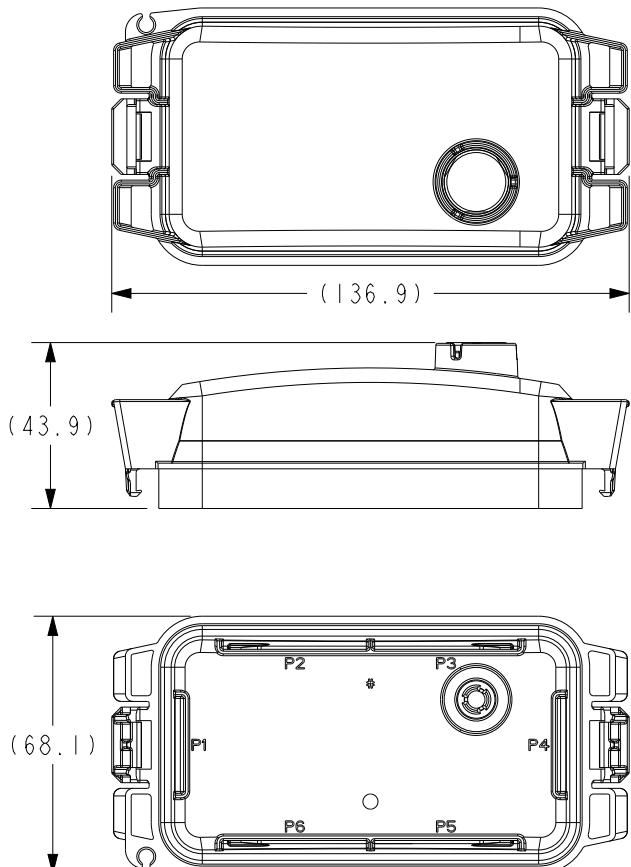
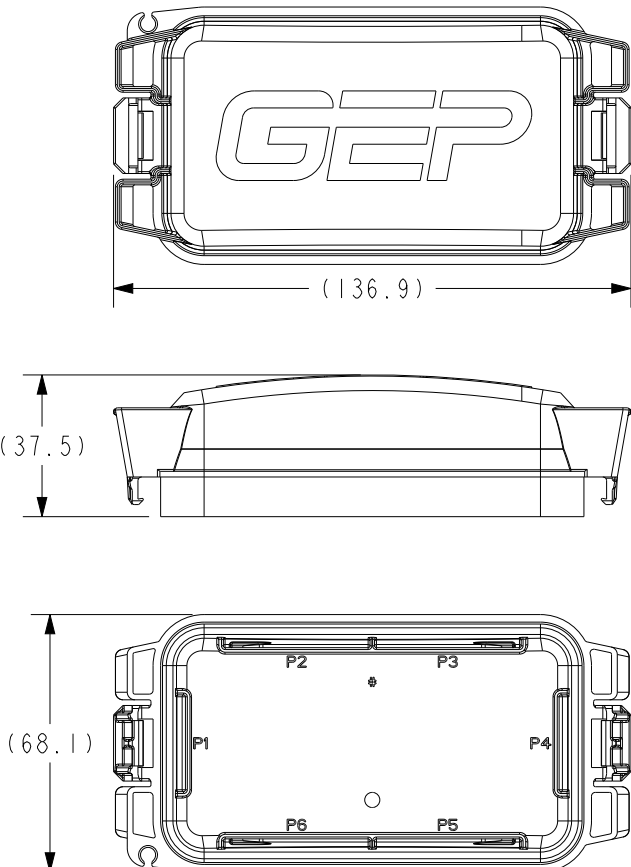
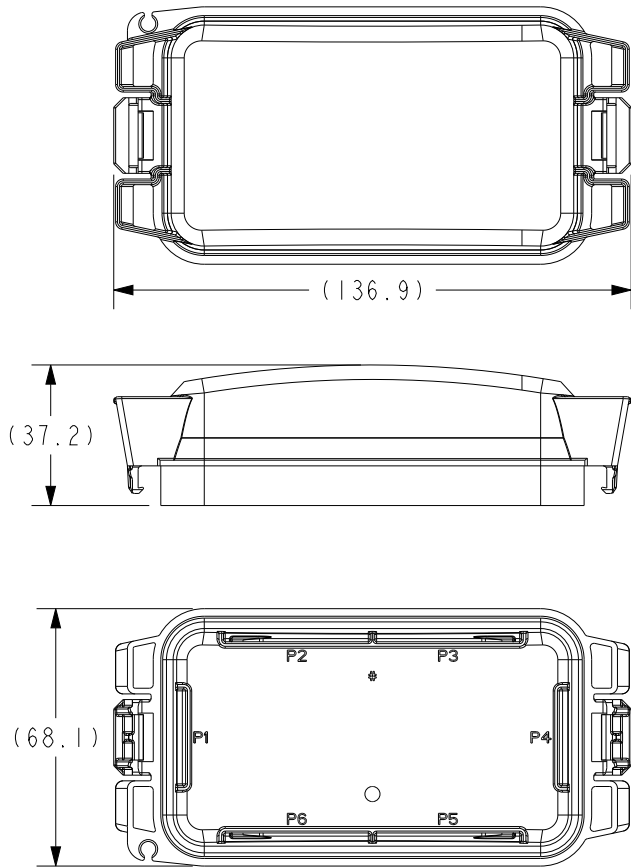
COVER OPTIONS

SC27-2000A-B001
COVER - PDM-S, PLAIN

SC27-2000B-B001
COVER - PDM-S, GEP

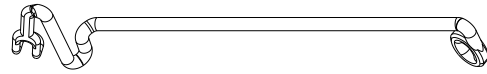
SC42-2016A-A001
COVER WITH VENT - PDM-S - PLAIN

SC42-2019A-A001
COVER WITH VENT - PDM-S - GEP

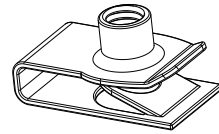


		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		PDM-S SERIES (SALES)		
DESCRIPTION:		POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	9	8 OF 12	1:1	B

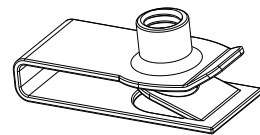
ACCESSORY OPTIONS



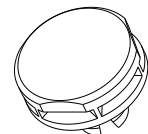
PDM-SCT
TETHER - COVER



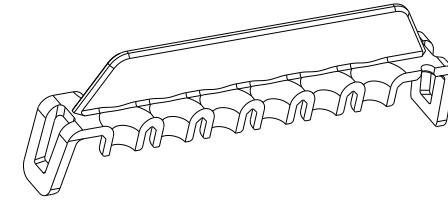
PDM-TMC
(SIDE) MOUNTING CLIP M6
SCALE 1:1



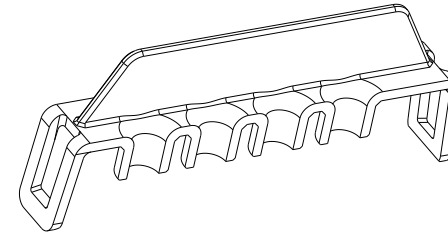
PDM-SMC
(TOP) MOUNTING CLIP M6
SCALE 1:1



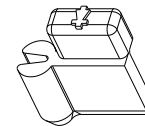
SC46-2000B-A000
VENT
(INCLUDED WITH SC42-2016A-A001
& SC42-2019A-A001)
SCALE 1:1



SC38-2000A-B003
TPA - PDM-S, 280 TERM
(USE 6 PER ASSY FOR SC42-2005A-B001,
SC42-2034A-A001, SC42-2035A-A001)
(USE 5 PER ASSY FOR SC42-2005B-B001,
SC42-2034B-A001, SC42-2035B-A001)
SCALE 1:1



SC38-2001A-B003
TPA - PDM-S, ATO TERM
(USE 1 PER ASSY FOR SC42-2005A-B001,
SC42-2034B-A001, SC42-2035B-A001)
SCALE 1:1



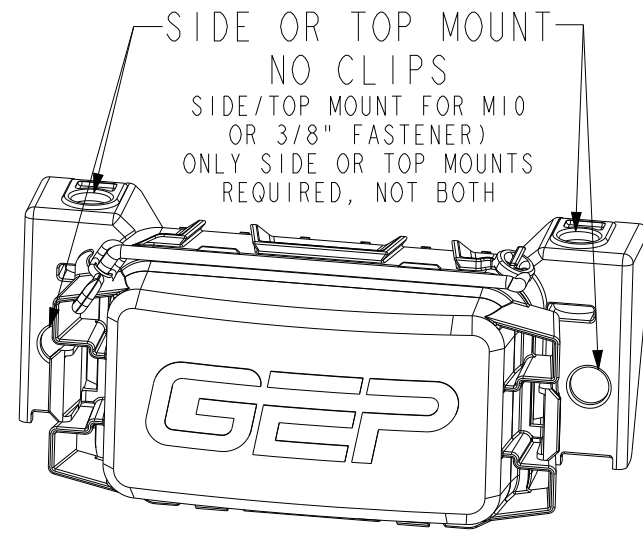
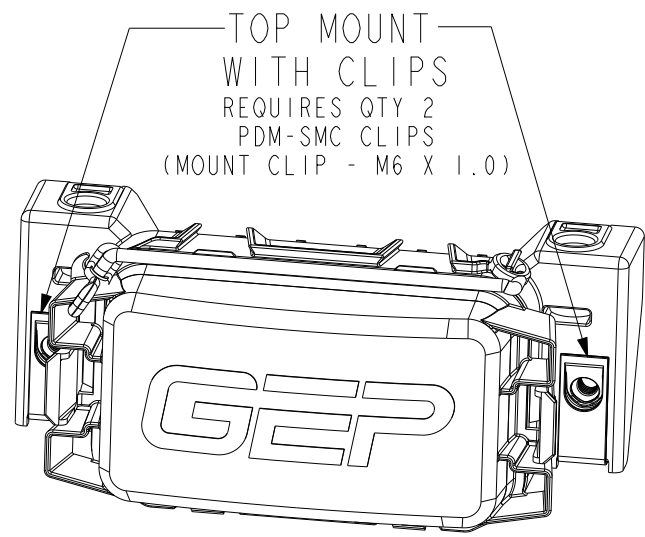
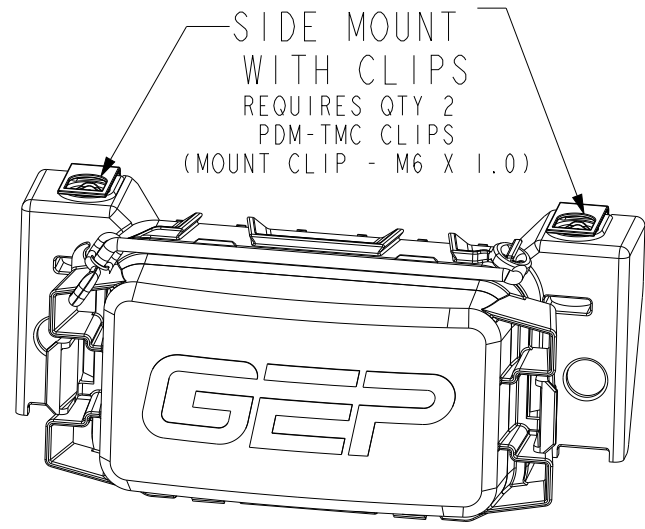
PDM-TK
DIODE KEY
(WAS PDM-SK)
SCALE 2:1



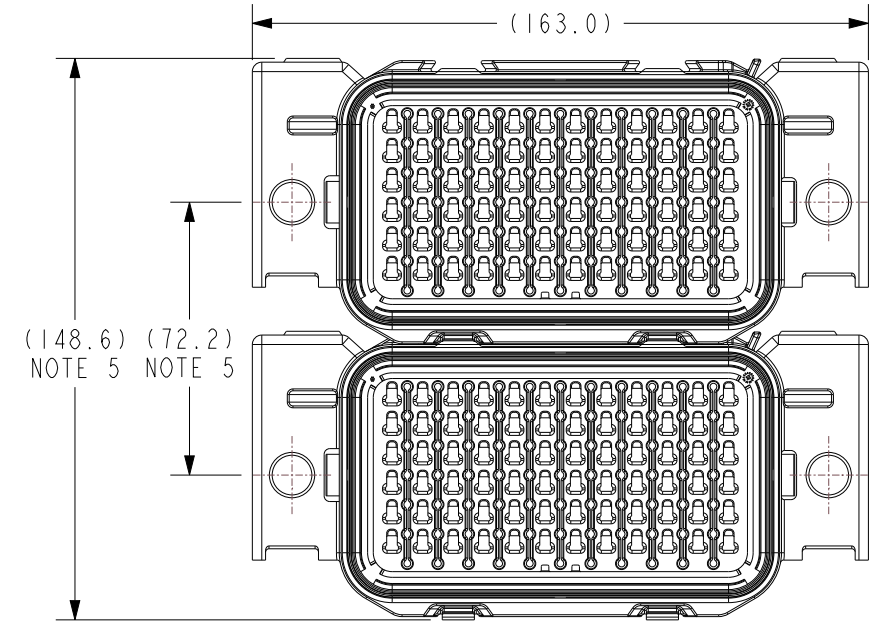
SC55-2000A-A001
PLUG AND SEAL - PDM
CAVITY PLUG - METRIPACK 280
SCALE 1:1

		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		PDM-S SERIES (SALES)		
DESCRIPTION:		POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	9	9 OF 12	1:2	B

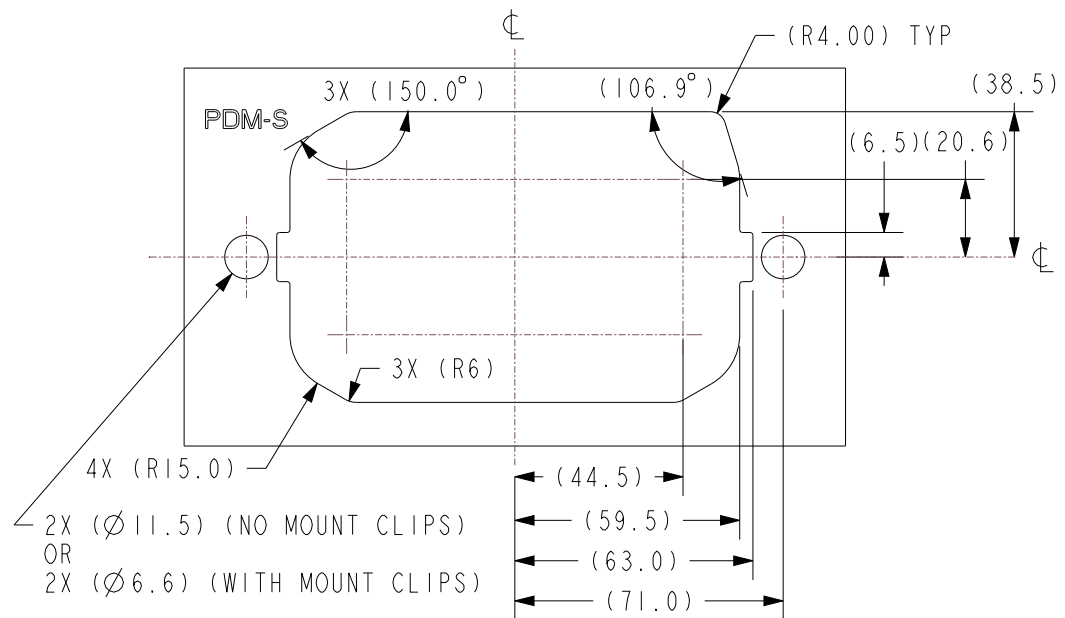
MOUNTING OPTIONS



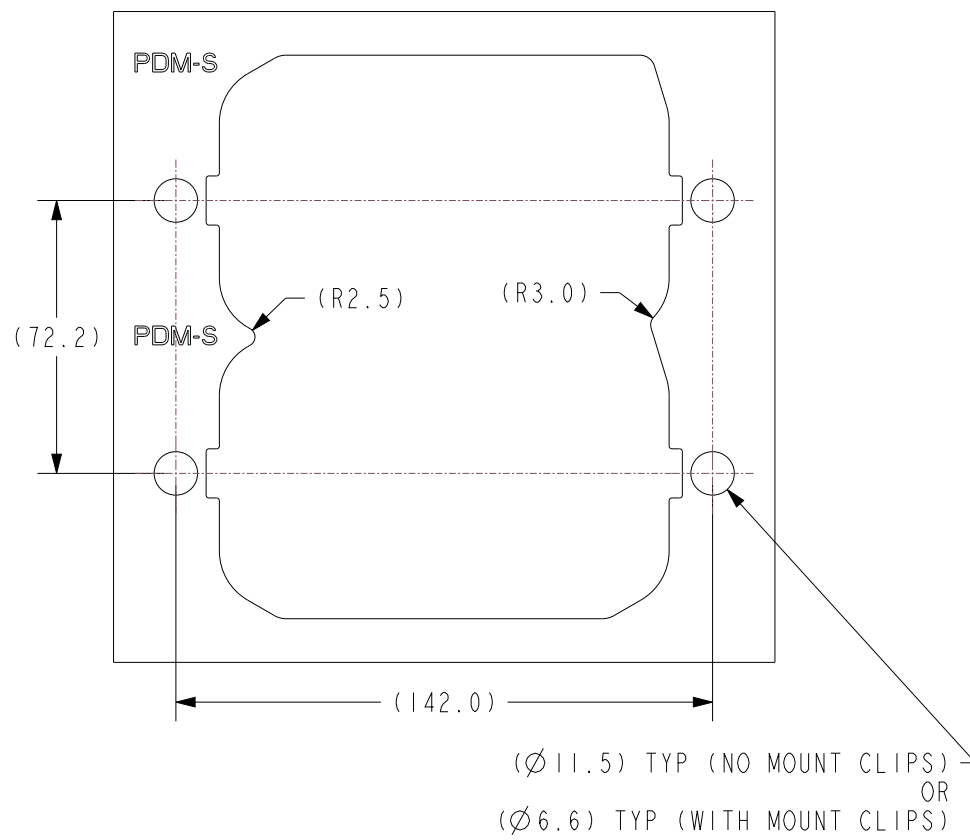
GANGED OPTION PDM-S GANGED WITH PDM-S



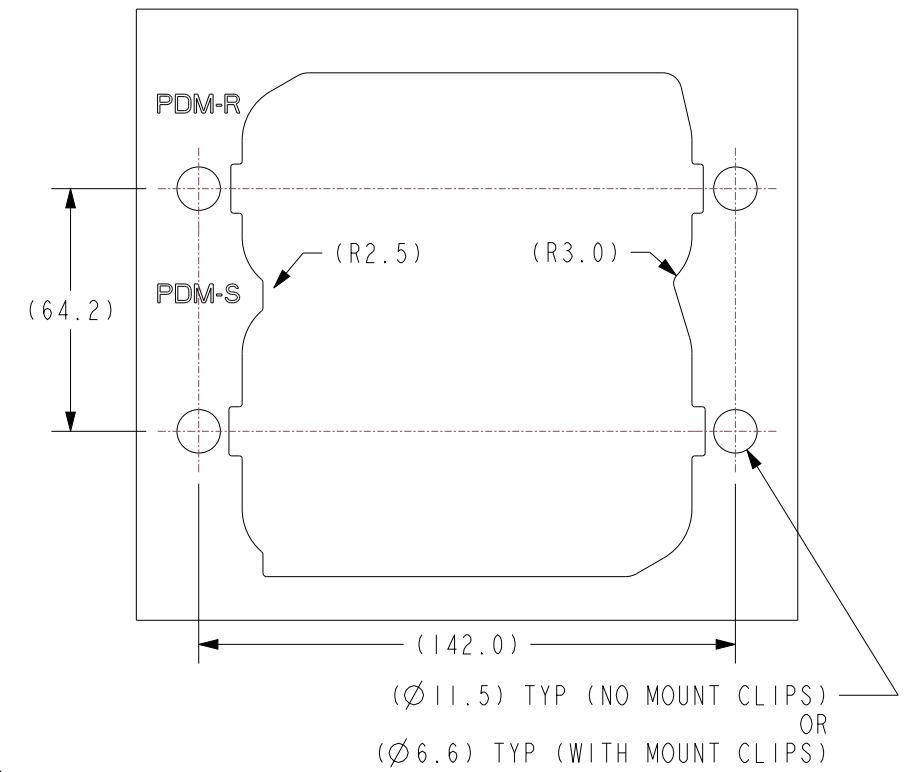
PANEL CUTOUT - TOP MOUNT



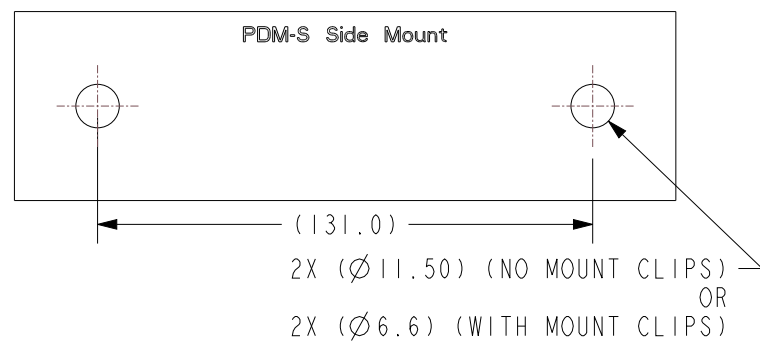
PANEL CUTOUT - GANGED TOP MOUNT PDM-S GANGED WITH PDM-S



PANEL CUTOUT - GANGED TOP MOUNT PDM-S GANGED WITH PDM-R (SEE PDM-R SERIES (SALES) FOR PDM-R PANEL CUTOUT DETAILS)



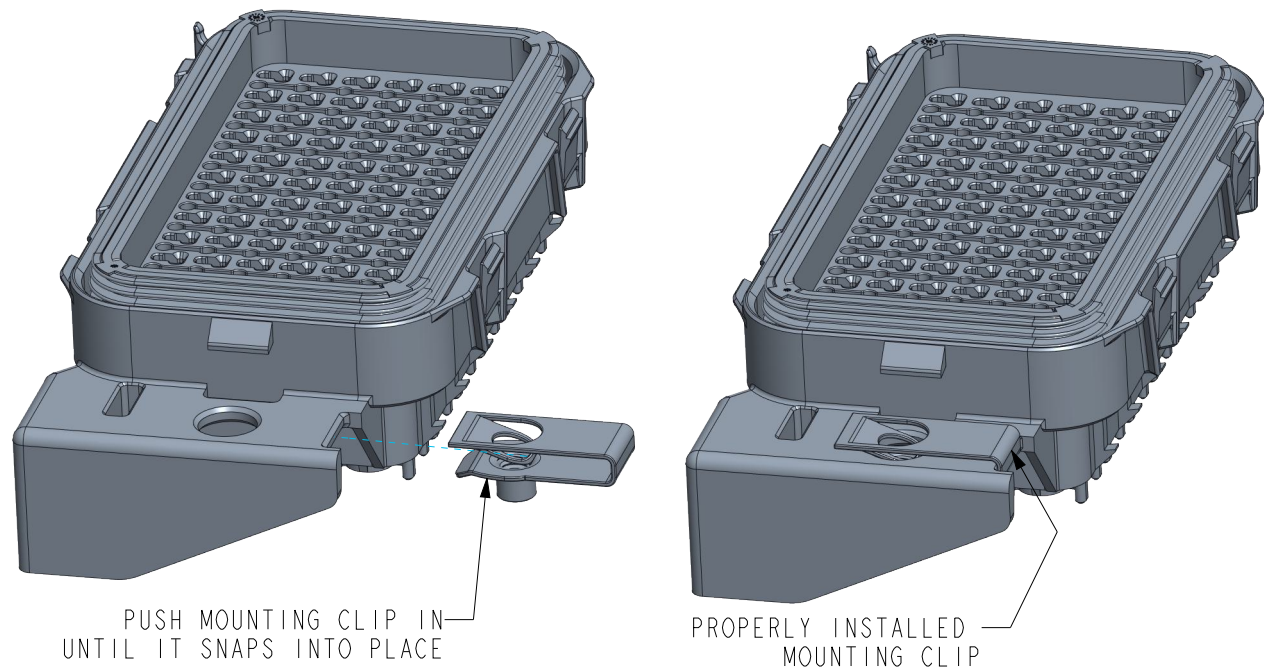
HOLE SPACING - SIDE MOUNT



GEP POWER PRODUCTS		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:	PDM-S SERIES (SALES)			
DESCRIPTION:	POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING			
CUSTOMER:	STANDARD			
METRIC (MM)	REV 9	SHEET 10 OF 12	SCALE 1:2	SIZE B

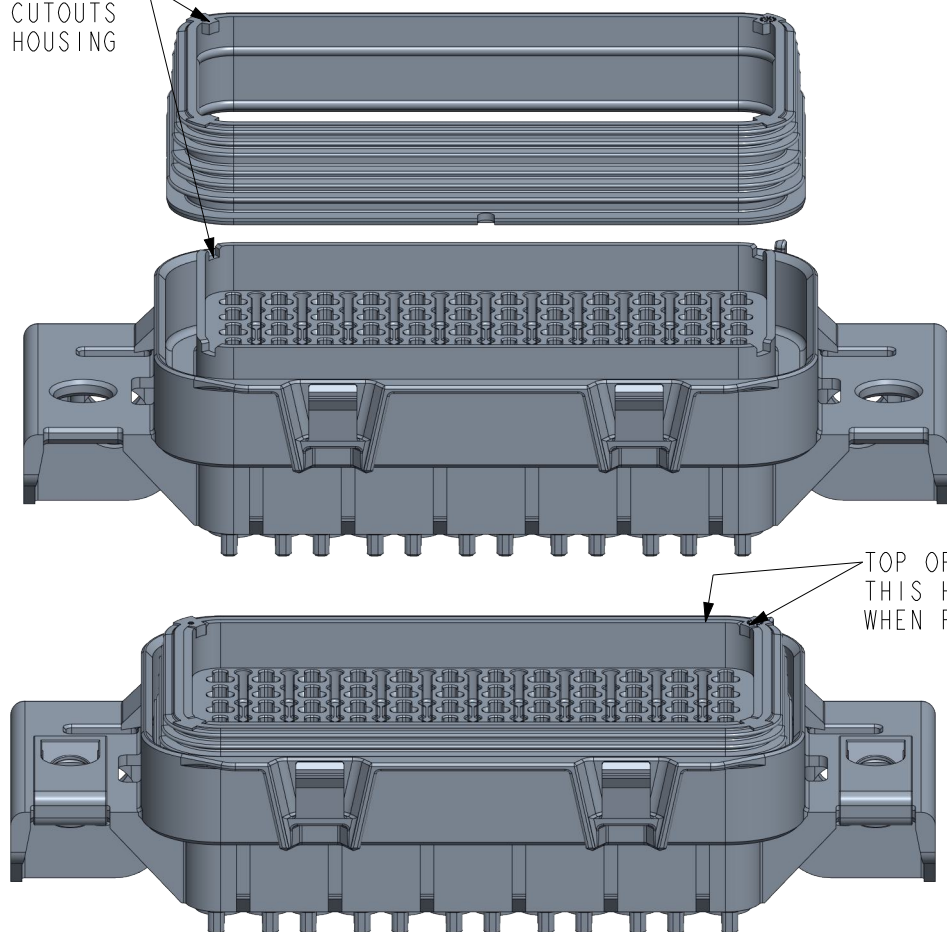
ASSEMBLY INSTRUCTIONS

MOUNTING CLIP INSTALLATION



SEAL INSTALLATION

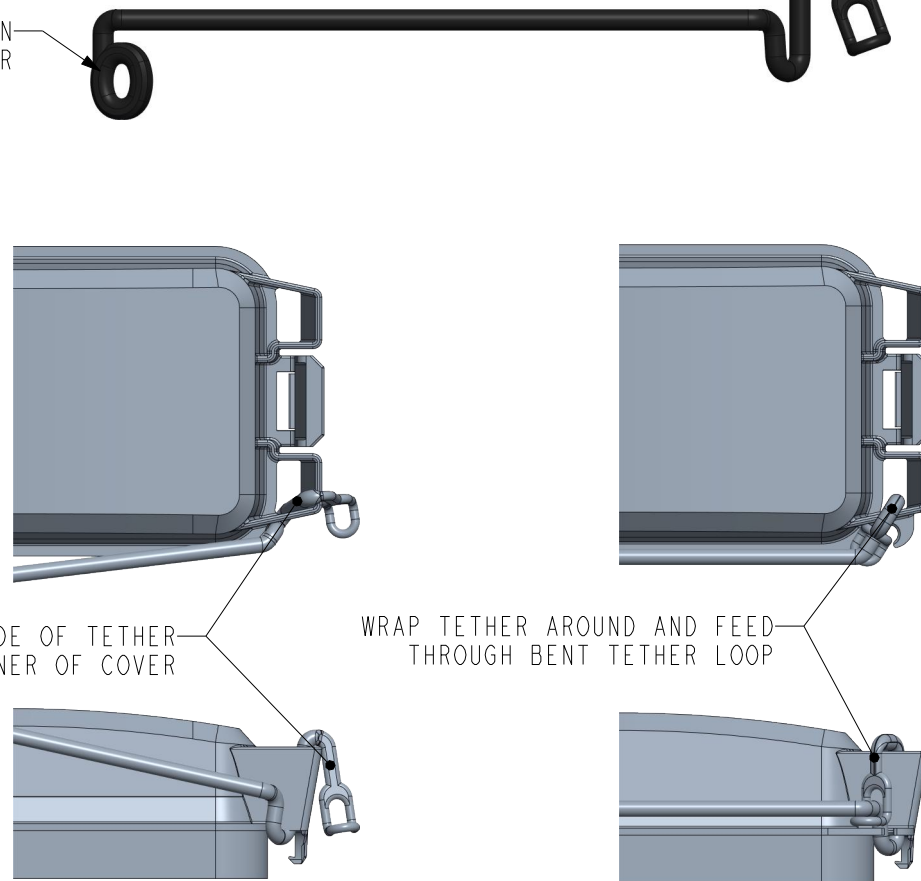
4 NUB FEATURES ON SEAL FIT IN THESE 4 CUTOUTS ON HOUSING



TETHER INSTALLATION

HOUSING RETENTION SIDE OF TETHER

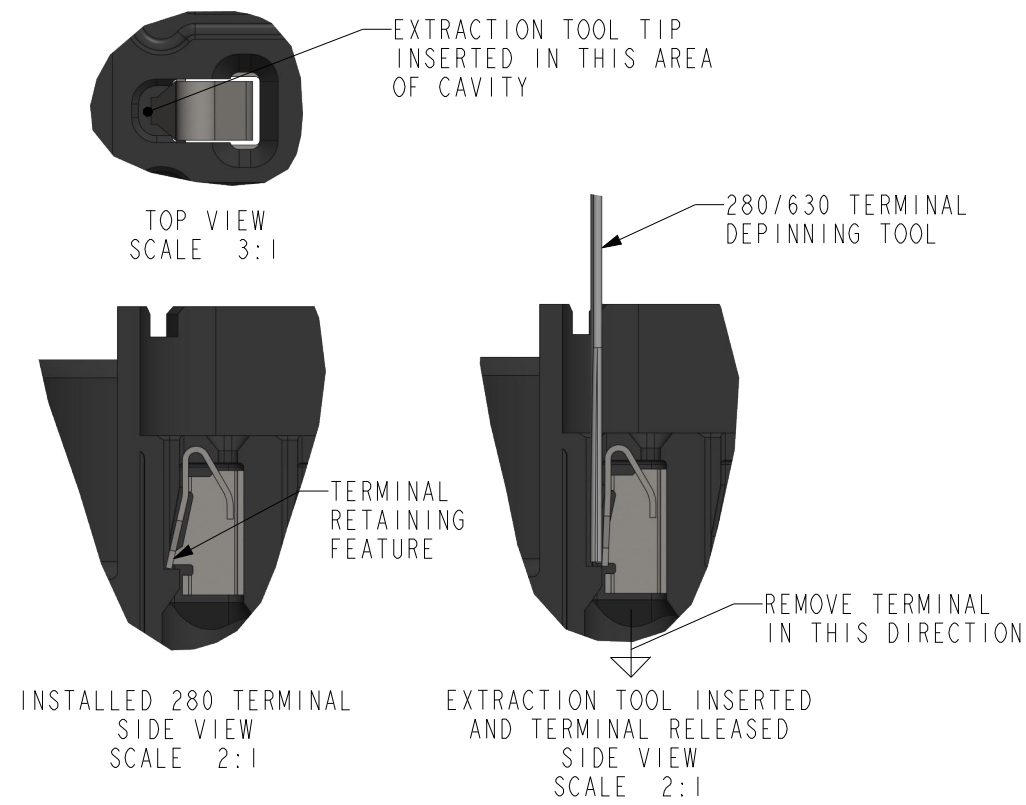
COVER RETENTION SIDE OF TETHER



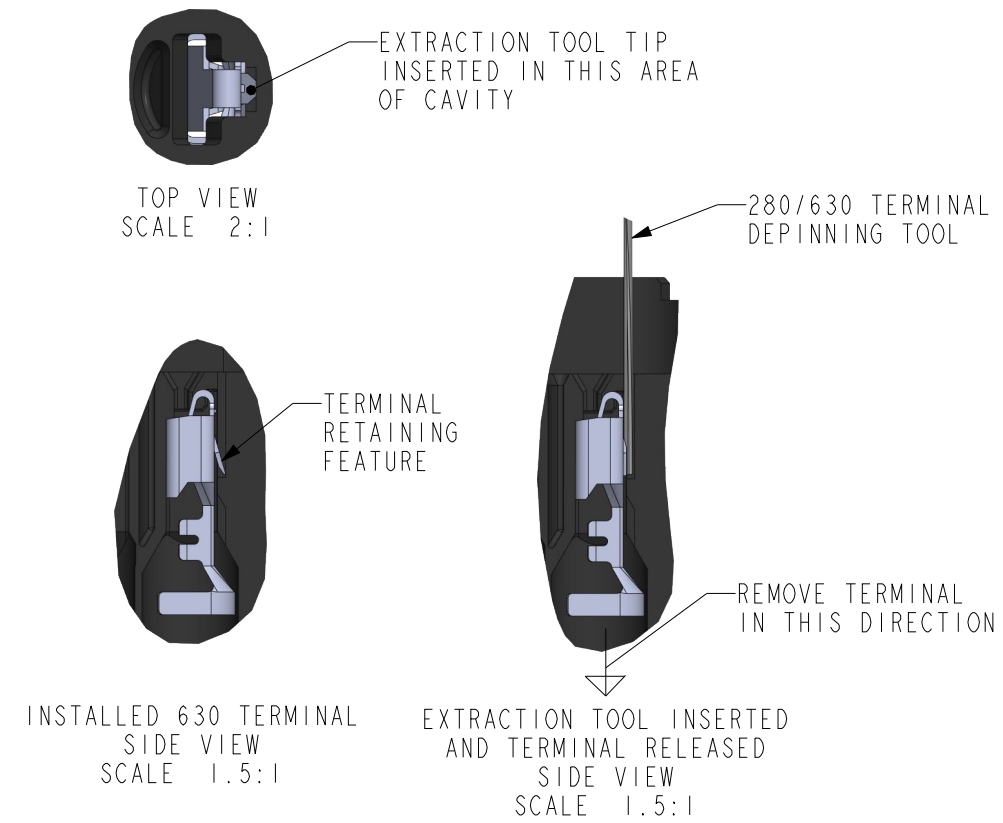
GEP POWER PRODUCTS		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		PDM-S SERIES (SALES)		
DESCRIPTION:		POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	9	11 OF 12	1:1	B

DEPINNING INSTRUCTIONS

280 TERMINAL DEPINNING



630 TERMINAL DEPINNING



GEP POWER PRODUCTS		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		PDM-S SERIES (SALES)		
DESCRIPTION:		POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	9	12 OF 12	1:1	B