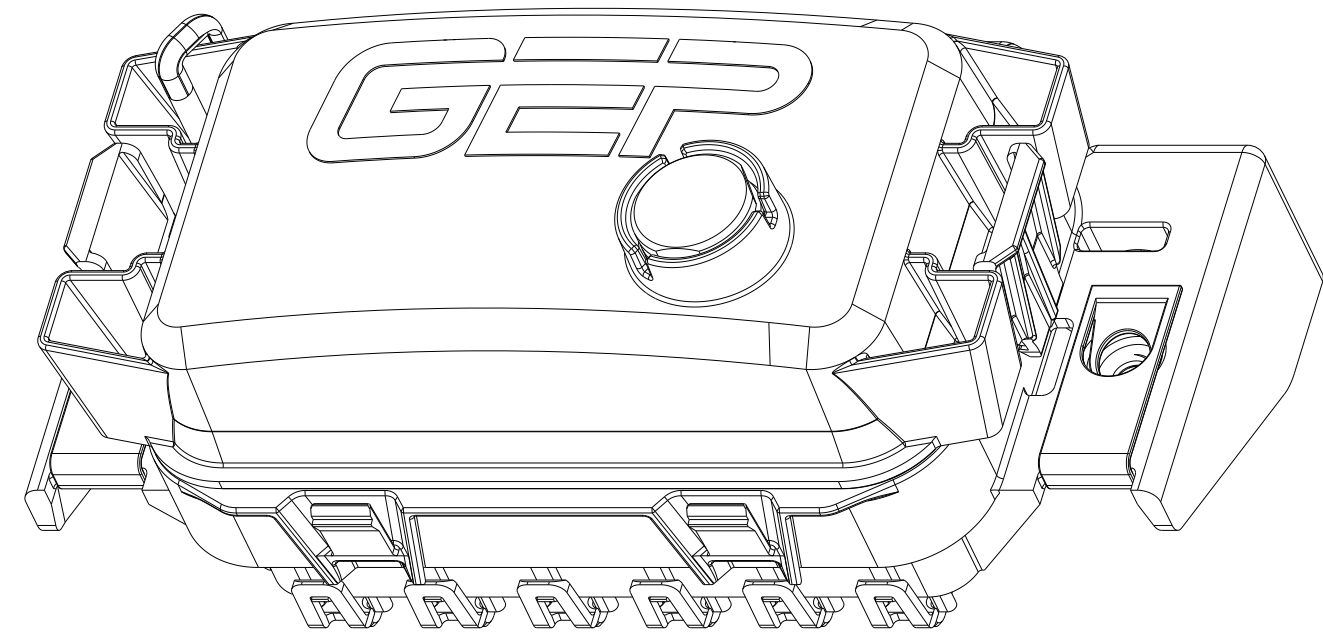


REV	REVISION DETAILS	ECO	DATE	BY	ABY
0	UPDATE FORMAT	N/A	01-14-2014	RR	KS
1	ADDED PDM-S4XXX OPTION	N/A	03-26-2014	RR	KS
2	UPDATED TO LATEST FORMAT. MOVED COMPONENT INSERT OPTIONS TO SHEET 3, MOUNTING OPTION TO SHEET 4, COMPONENT OPTIONS TO SHEET 5, TABLES TO SHEET 6. UPDATED & ADDED SEVERAL NOTES. COVER 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, GORE 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	09-30-2021	JWK	JJW
3	PART NUMBER WAS PDM-SXXXX. UPDATED DESCRIPTION. UPDATED TO LATEST DRAWING STANDARDS.	NP-005842	01-15-2024	JWK	JML
4	UPDATED LAYOUT WITH INDIVIDUAL SHEETS FOR HOUSING TERMINAL/SEAL INFORMATION. UPDATED NOTES.	NP-006161	05-31-2024	JWK	JML
5	UPDATED NOTES & TETHER. UPDATED AVAILABILITY INFORMATION	NP-006188	06-18-2024	JWK	JML



ISO VIEW
FOR REF ONLY

CONFIDENTIAL

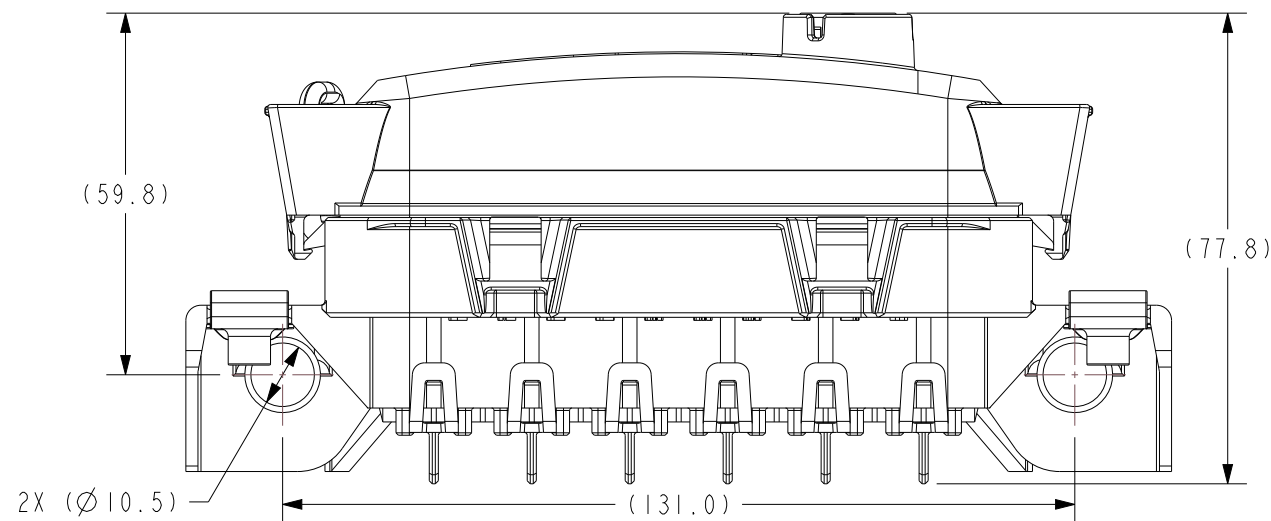
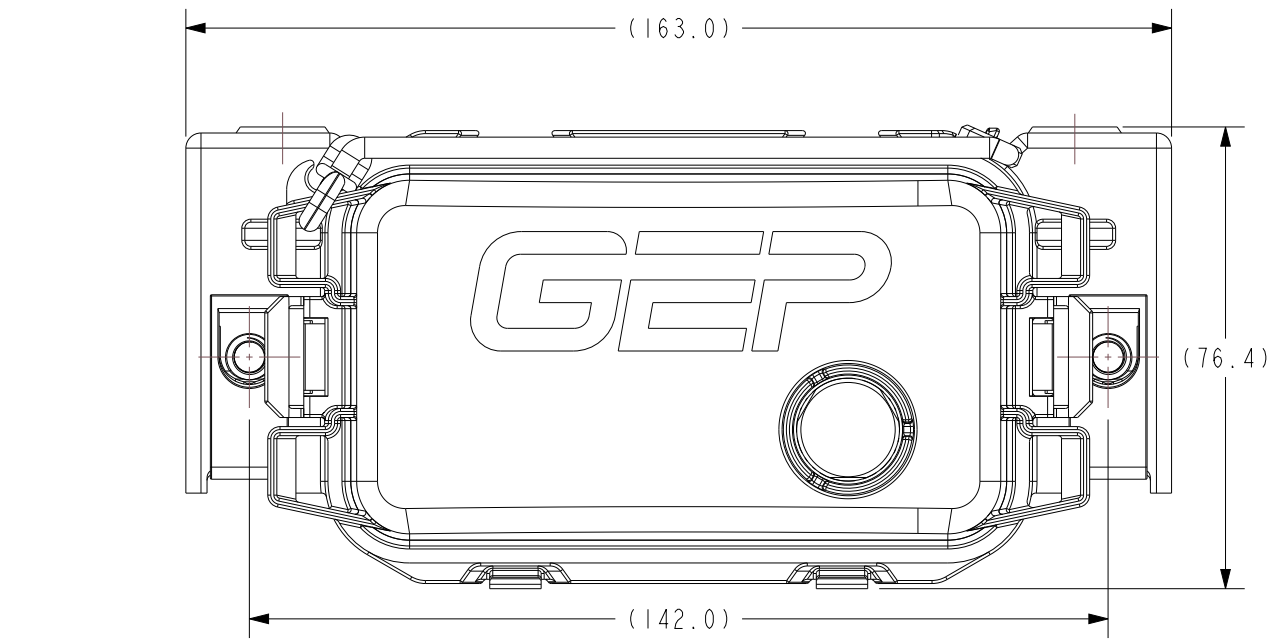
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CRITICAL DIMENSIONS ON FEATURES TO BE CHECKED DURING ANY SET-UP ADJUSTMENTS, TOOL CHANGES, OR ANNUAL MAINTENANCE ON TOOLING.	DIMENSIONS OR FEATURES TO BE CHECKED FROM RUN-TO-RUN
TOLERANCES UNLESS OTHERWISE SPECIFIED	
THIRD ANGLE PROJECTION 	
METRIC TOL	ENGLISH TOL
1 PL DEC. = ±.25 2 PL DEC. = ±.13	2 PL DEC. = ±.01 3 PL DEC. = ±.005
ANGULAR TOL = ±2° FRACTION TOL = ±1/64 IN	
DIMENSIONS INSIDE PARENTHESES OR CONTAINING "REF" ARE FOR REFERENCE ONLY.	

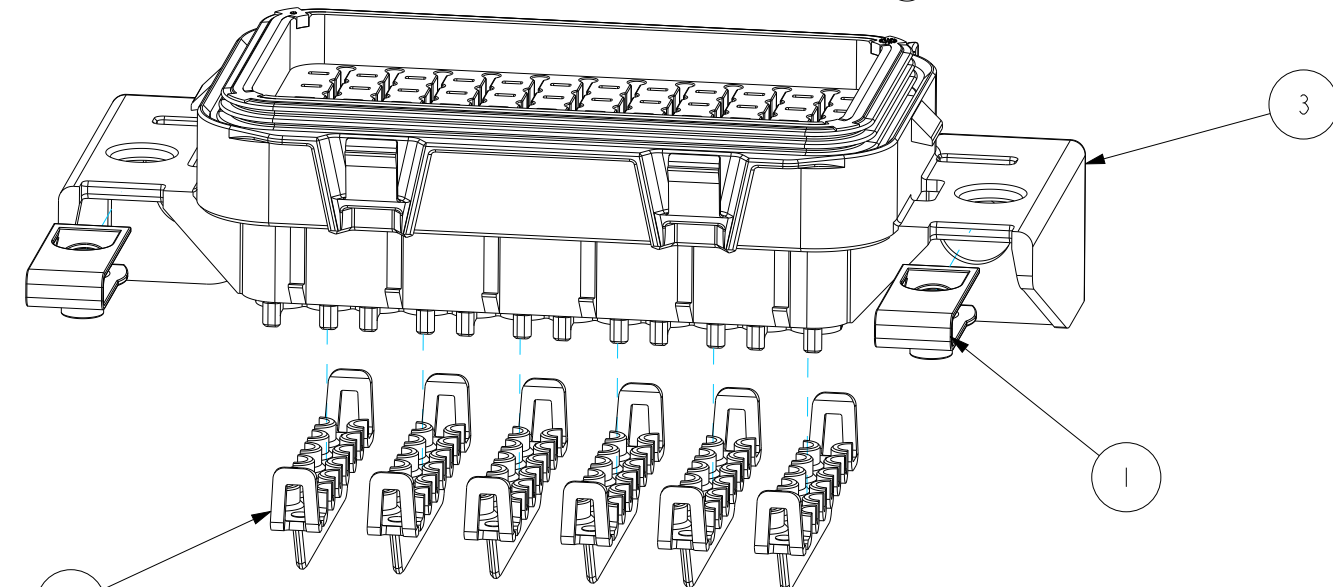
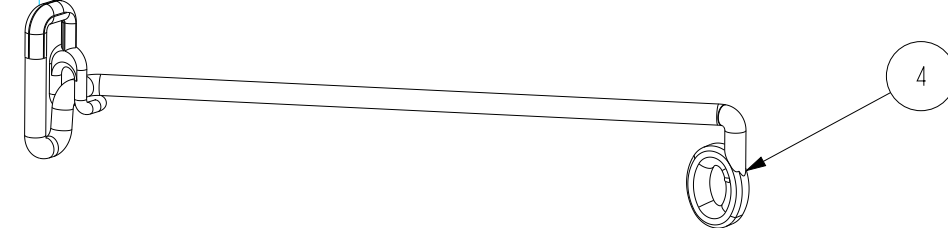
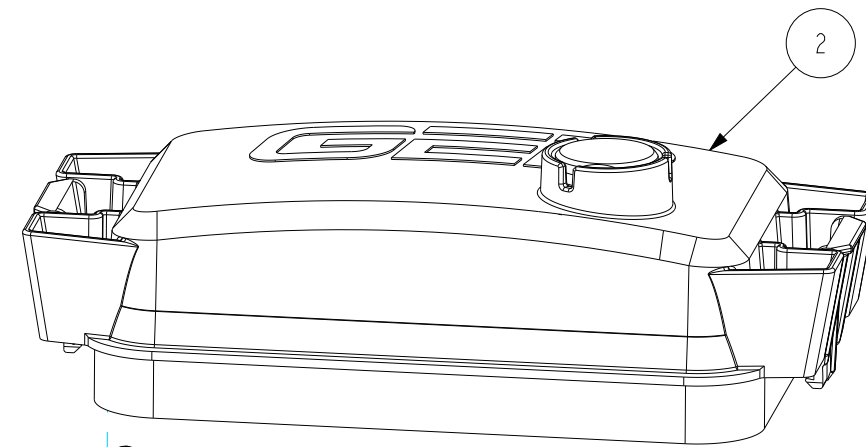
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		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		PDM-S SERIES (SALES)		
DESCRIPTION:		POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	5	1 OF 10	1:1	B

EXAMPLE CONFIGURATION & NOTES



EXAMPLE CONFIGURATION WITH DIMENSIONAL INFO



EXAMPLE CONFIGURATION EXPLODE VIEW

- NOTES:
1. HOUSING & COVER MATERIAL: PBT POLYESTER
 2. HOUSING & COVER FINSH/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 GORE 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

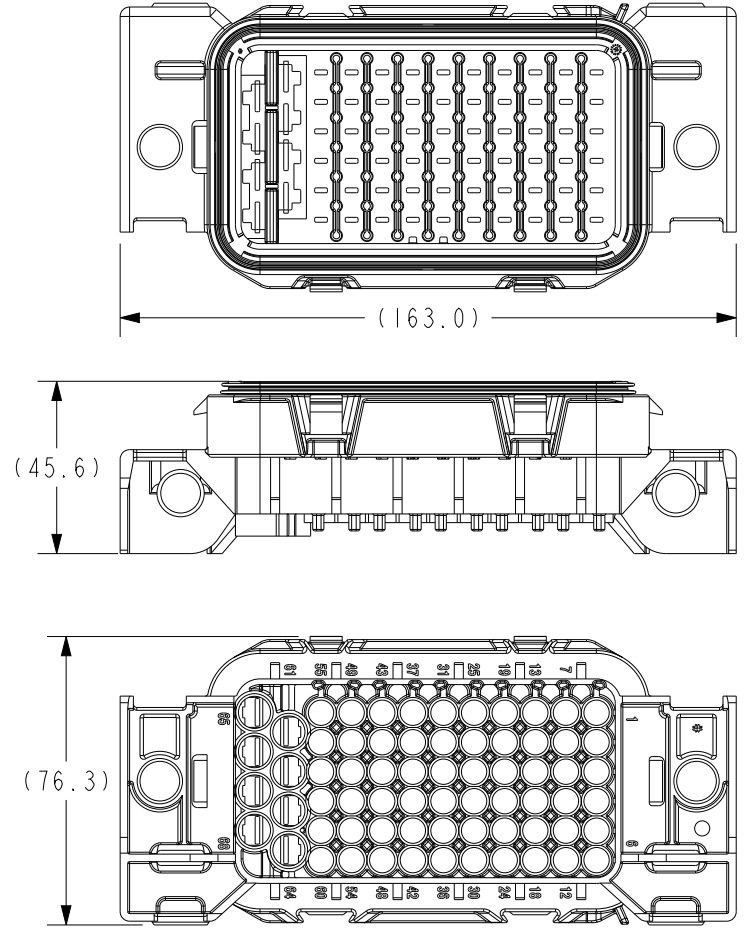
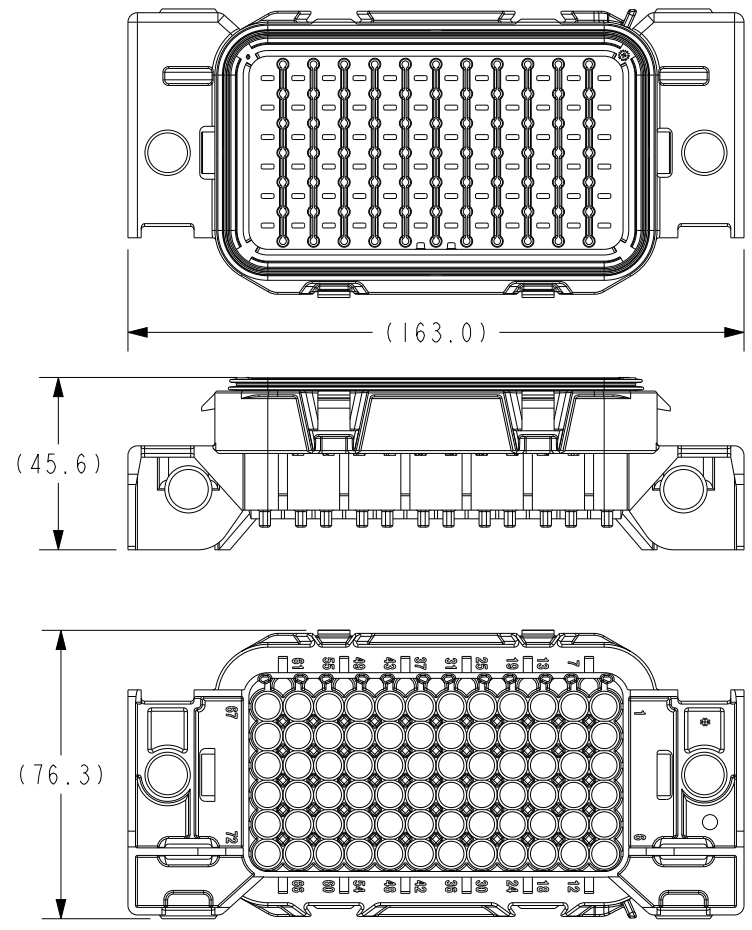
CUSTOMER: STANDARD

METRIC (MM)	REV 5	SHEET 2 OF 10	SCALE 1:1.25	SIZE B
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HOUSING W/SEAL OPTIONS

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

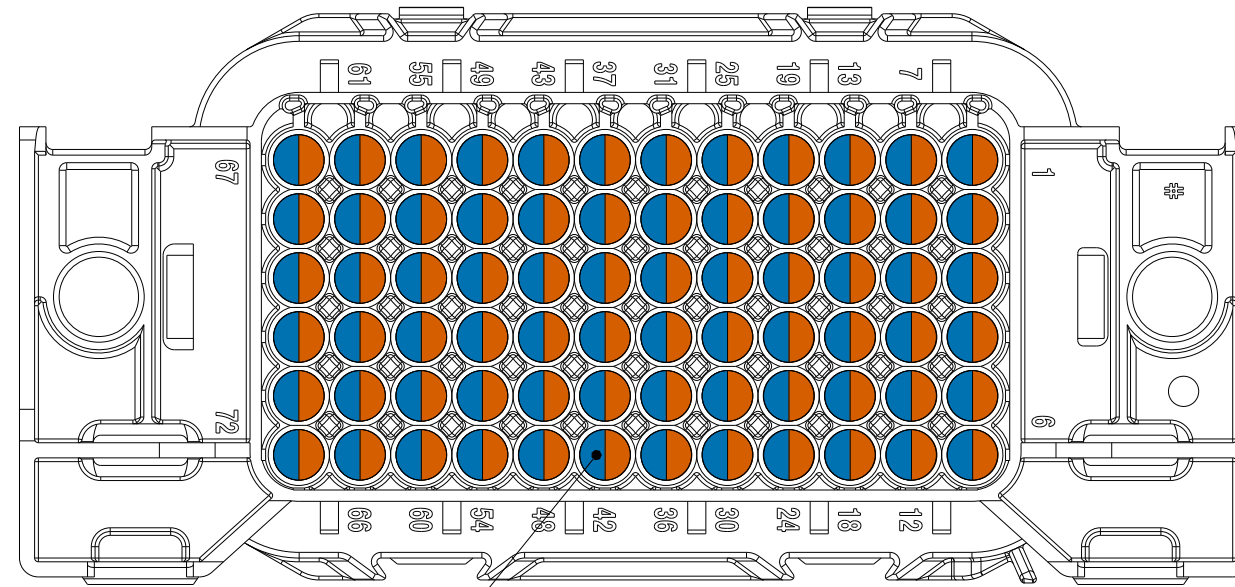
COMING SOON
 HOUSING AND SEAL - PDM-S, 68 POS, 280 AND ATO TERM
 SEE NOTE 5



		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
	5	3 OF 10	1:1	B

TERMINAL AND CABLE SEAL INFORMATION

SC42-2005A-B001

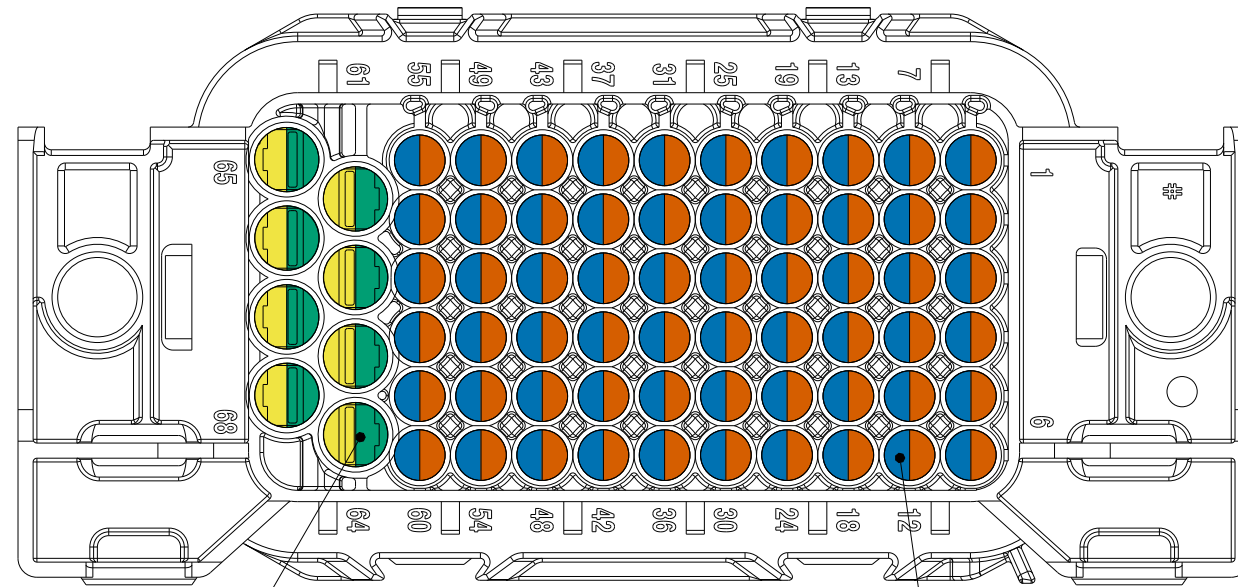


280 CAVITIES
SEE TABLE A FOR TERMINALS
AND CABLE SEALS

Table A				
DELPHI 280 METRI-PACK TERMINALS				
PART #	CABLE RANGE (mm²)	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	
DELPHI 280 METRI-PACK CABLE SEALS (FOR REF. ONLY)				
PART # REEL	PART # LOOSE	CABLE DIA.	MATERIAL	COLOR
12015360	12015193	3.45-4.3	SILICONE	BLUE
12015359	12010293	2.81-3.49	SILICONE	LT. GRAY
12015284	12015323	2.03-2.85	SILICONE	GREEN
12041352	12041351	2.03-2.42	SILICONE	TAN
12089444	12089679	1.6-2.15	SILICONE	PURPLE
12034365	12015899	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
	5	4 OF 10	1:1	B

TERMINAL AND CABLE SEAL INFORMATION COMING SOON



630 CAVITIES
SEE TABLE B FOR TERMINALS
AND CABLE SEALS


280 CAVITIES
SEE TABLE A FOR TERMINALS
AND CABLE SEALS

Table B

DELPHI 630 METRI-PACK TERMINALS				
PART #	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	
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 # REEL	PART # LOOSE	CABLE DIA.	MATERIAL	COLOR
15344644	15363779	1.20-2.00	SILICONE	YELLOW
12052931	12052930	1.60-2.15	SILICONE	YELLOW
	15327998	2.00-2.70	SILICONE	BLUE
12048433	12048441	2.00-2.90	SILICONE	WHITE
15344645	15363604	2.00-2.90	SILICONE	WHITE
12052452	12048442	2.80-3.90	SILICONE	DK. RED
15337204	15327864	2.80-3.80	SILICONE	DK. RED
15344646	15363605	3.60-4.50	SILICONE	GREEN
10733034	10733145	4.40-5.10	SILICONE	GRAY
15344104	15344647	4.40-5.10	SILICONE	GRAY
	12066082	PLUG	SILICONE	LT. GREEN
DELPHI METRI-PACK TERMINAL REMOVAL TOOL (FOR REF. ONLY)				
PART # 12094430				

Table A

DELPHI 280 METRI-PACK TERMINALS				
PART #	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	
DELPHI 280 METRI-PACK CABLE SEALS (FOR REF. ONLY)				
PART # REEL	PART # LOOSE	CABLE DIA.	MATERIAL	COLOR
12015360	12015193	3.45-4.3	SILICONE	BLUE
12015359	12010293	2.81-3.49	SILICONE	LT. GRAY
12015284	12015323	2.03-2.85	SILICONE	GREEN
12041352	12041351	2.03-2.42	SILICONE	TAN
12089444	12089679	1.6-2.15	SILICONE	PURPLE
12034365	12015899	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 5	SHEET 5 OF 10	SCALE 1:1	SIZE B

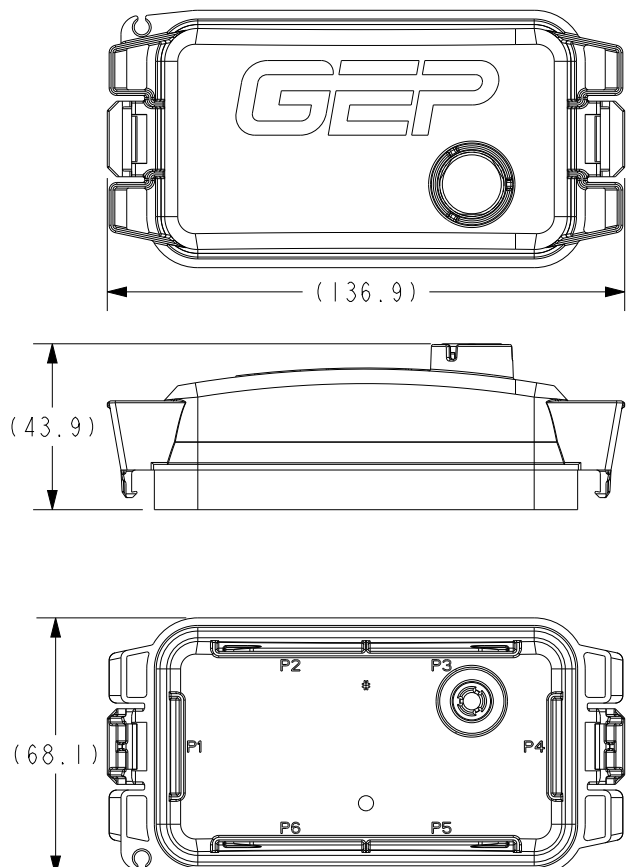
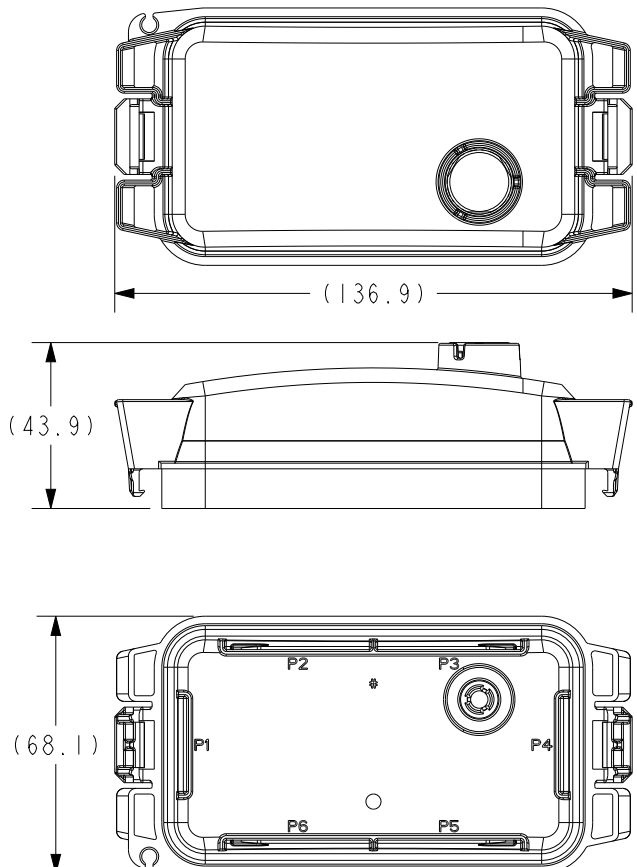
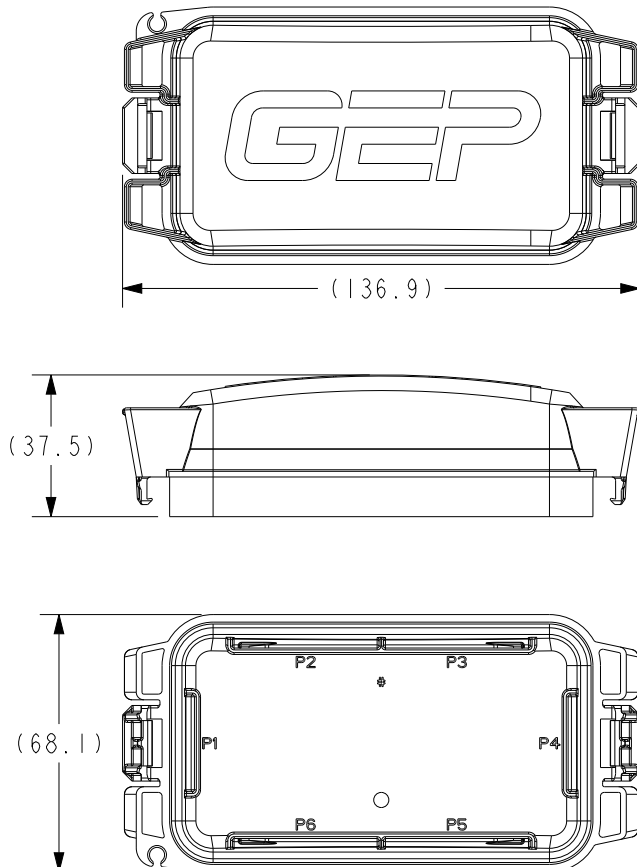
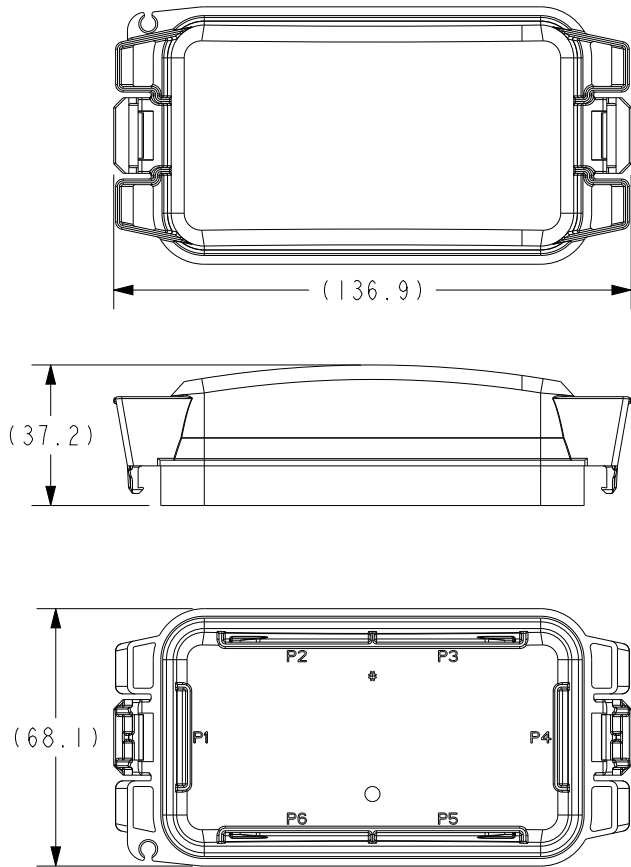
COVER OPTIONS

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

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

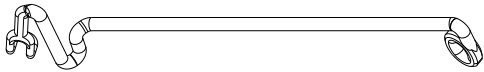
SC42-2016A-A001
COVER WITH GORE VENT - PDM-S - PLAIN

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

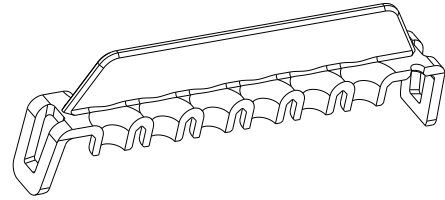


		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:		PDM-S SERIES (SALES)		
DESCRIPTION:		POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING		
CUSTOMER:		STANDARD		
METRIC (MM)	REV	SHEET	SCALE	SIZE
	5	6 OF 10	1:1	B

ACCESSORIES



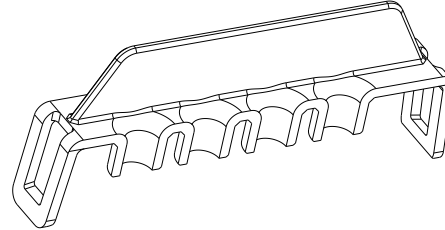
PDM-SCT
TETHER - COVER



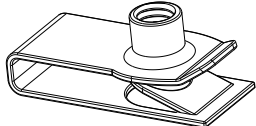
SC38-2000A-B003
TPA - PDM-S, 280 TERM
(USE 6 PER ASSY FOR SC42-2005A-B001
OR 5 PER ASSY FOR SC42-2005B-B001)
SCALE 1:1



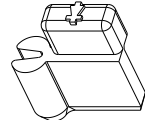
PDM-TMC
(SIDE) MOUNTING CLIP M6
SCALE 1:1



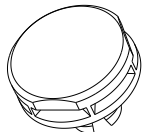
COMING SOON
TPA - PDM-S, ATO TERM
(USE 1 PER ASSY FOR SC42-2005B-B001)
SCALE 1:1



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



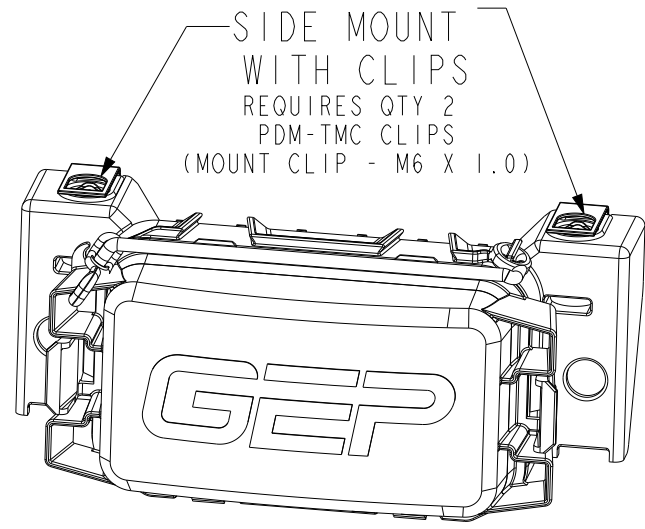
PDM-TK
DIODE KEY
(WAS PDM-SK)
SCALE 2:1



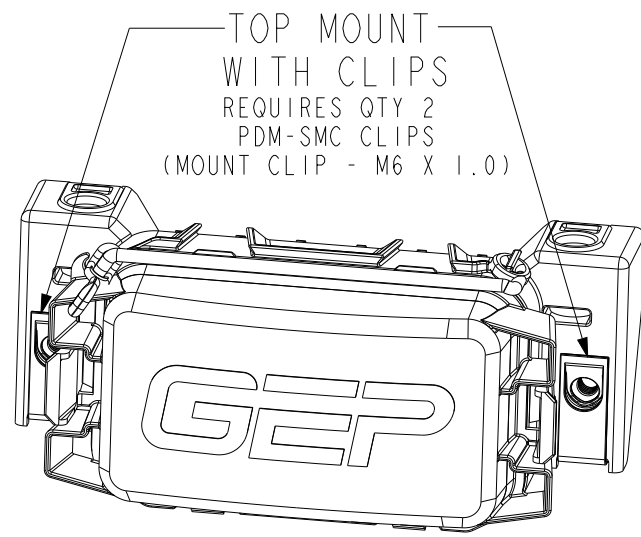
SC46-2000B-A000
GORE VENT
(INCLUDED WITH SC42-2016A-A001
& SC42-2019A-A001)
SCALE 1:1

		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
	5	7 OF 10	1:2	B

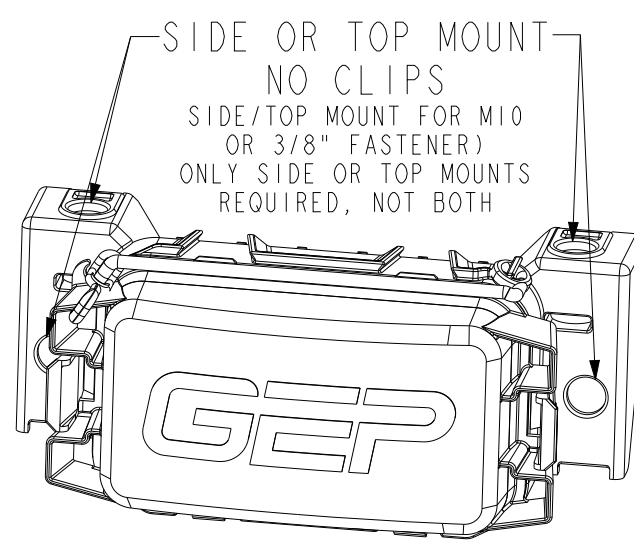
MOUNTING OPTIONS



SIDE MOUNT WITH CLIPS
REQUIRES QTY 2 PDM-TMC CLIPS
(MOUNT CLIP - M6 X 1.0)

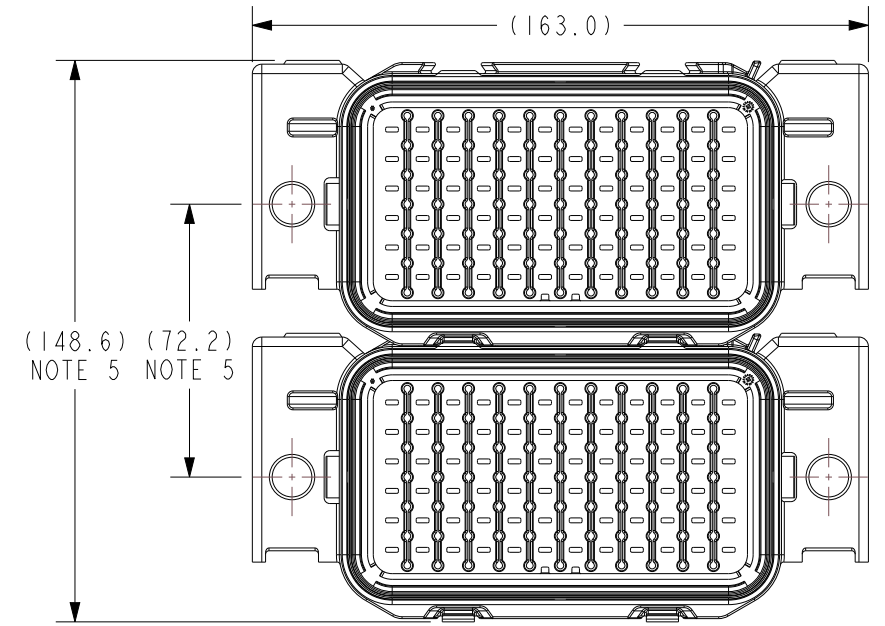


TOP MOUNT WITH CLIPS
REQUIRES QTY 2 PDM-SMC CLIPS
(MOUNT CLIP - M6 X 1.0)

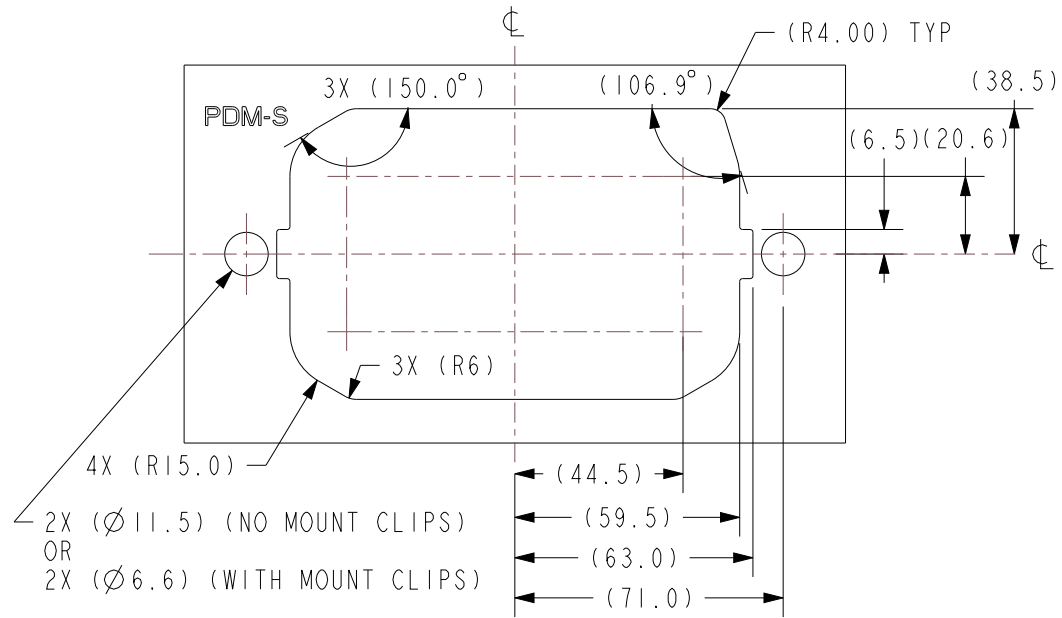


SIDE OR TOP MOUNT NO CLIPS
SIDE/TOP MOUNT FOR M10 OR 3/8" FASTENER
ONLY SIDE OR TOP MOUNTS REQUIRED, NOT BOTH

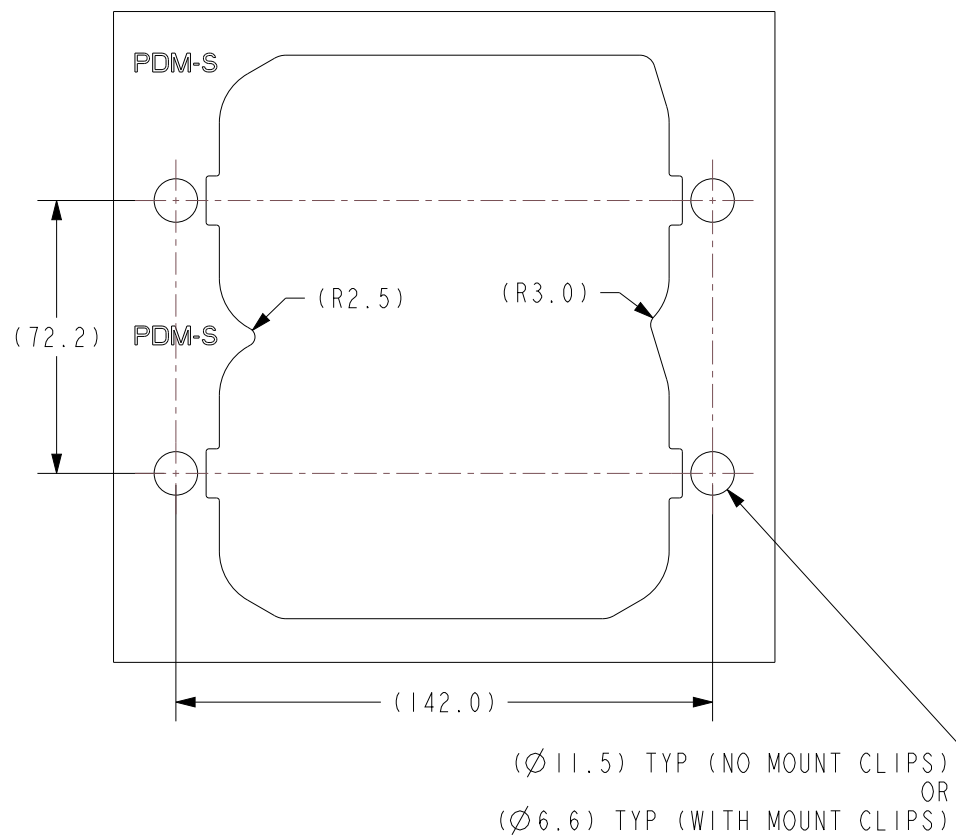
GANGED OPTION PDM-S GANGED WITH PDM-S



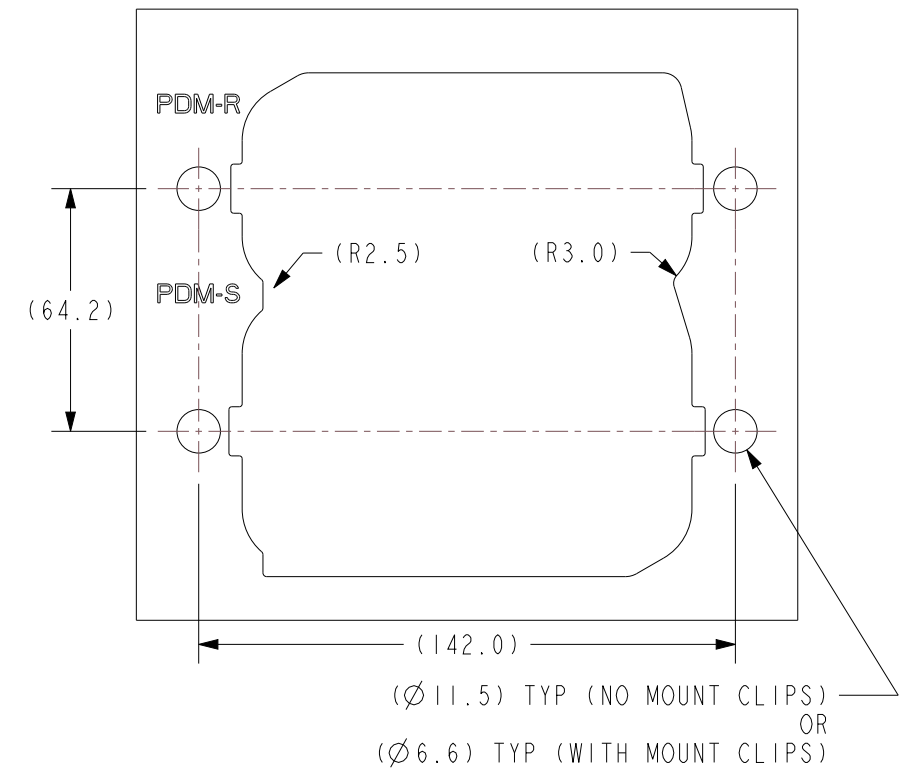
PANEL CUTOUT - TOP MOUNT



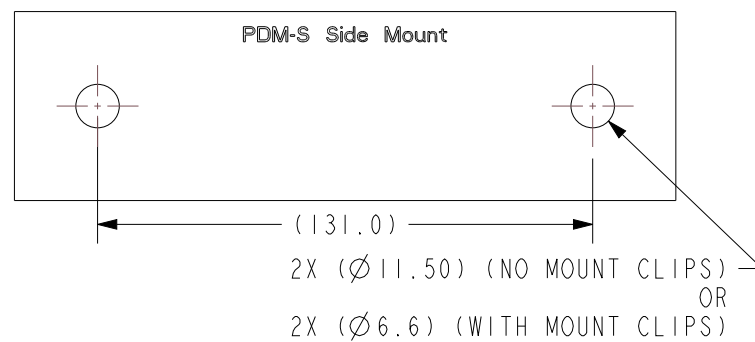
PANEL CUTOUT - GANGED TOP MOUNT PDM-S GANGED WITH PDM-S



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



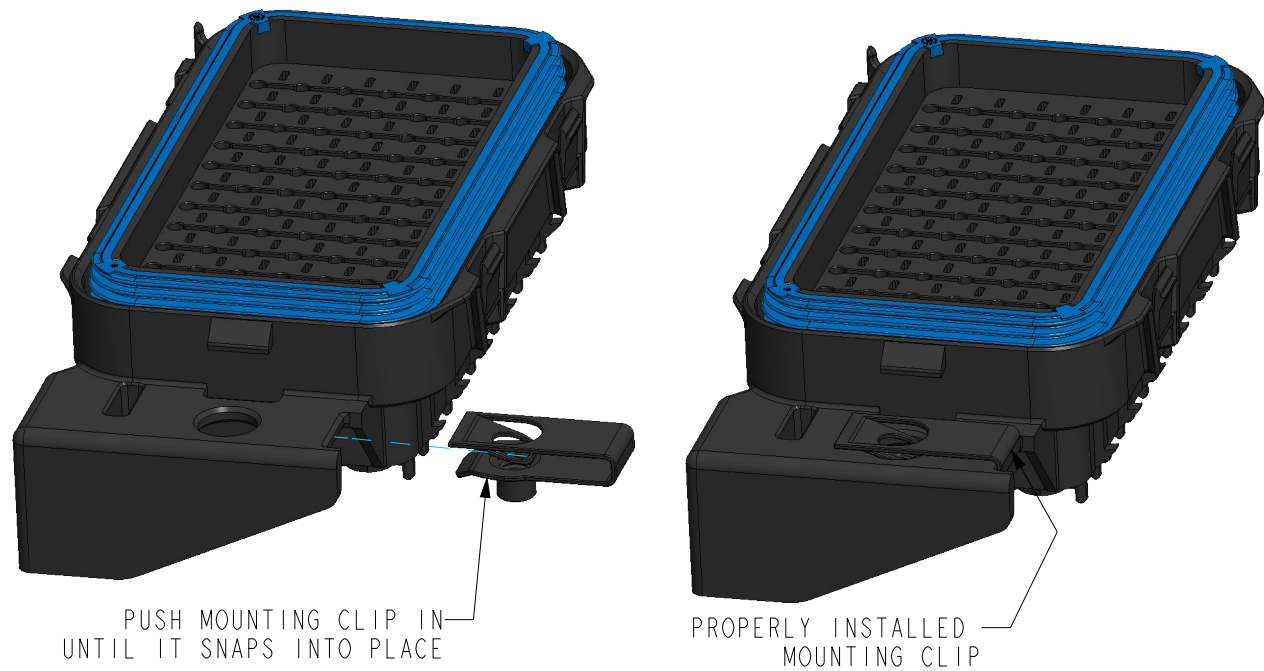
HOLE SPACING - SIDE MOUNT



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 5	SHEET 8 OF 10	SCALE 1:2	SIZE B

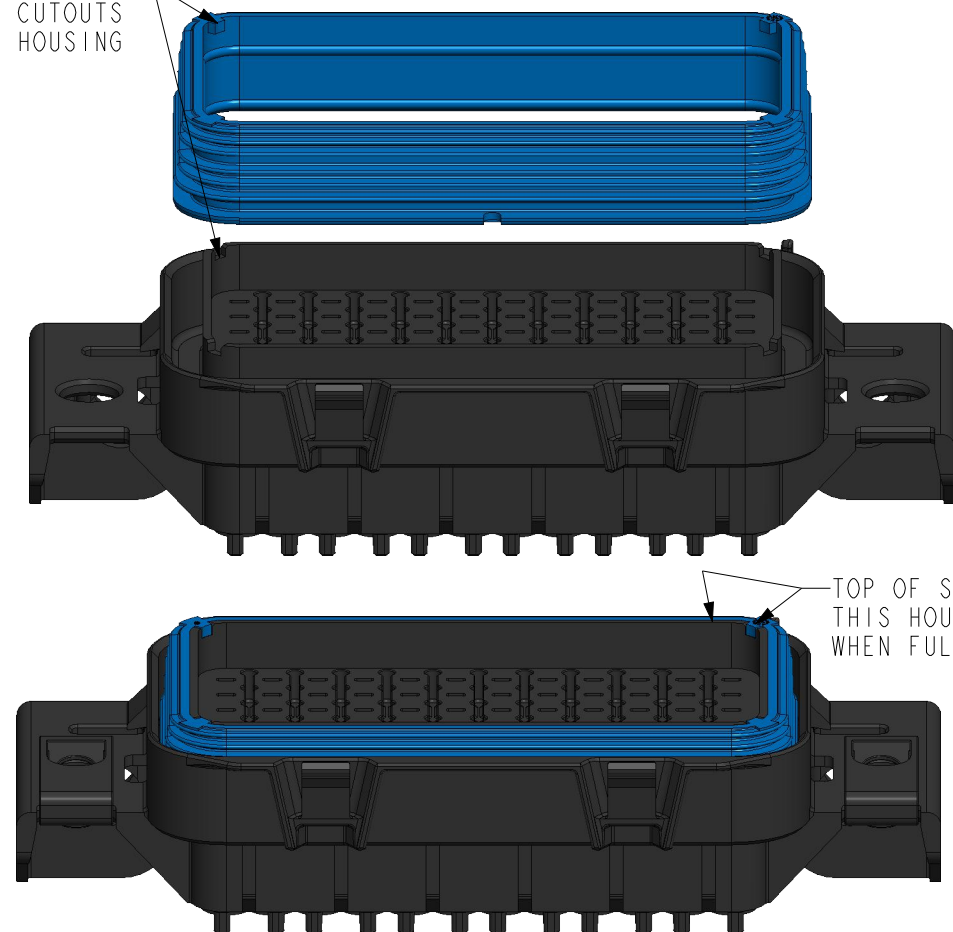
ASSEMBLY INSTRUCTIONS

MOUNTING CLIP INSTALLATION



SEAL INSTALLATION

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



TETHER INSTALLATION

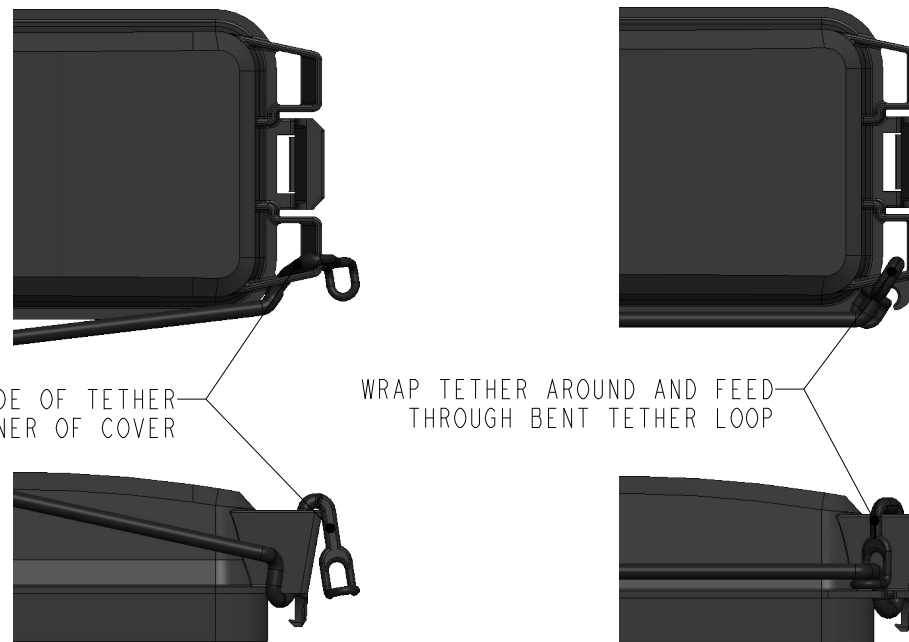
HOUSING RETENTION SIDE OF TETHER

COVER RETENTION SIDE OF TETHER

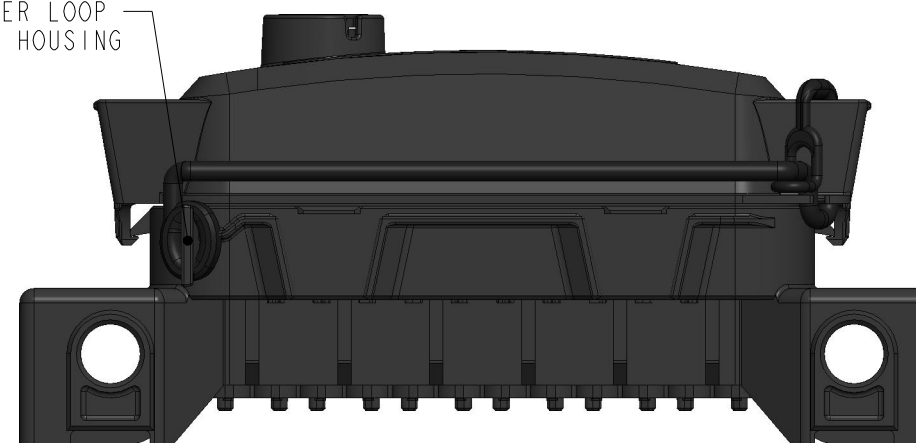


FEED THIS SIDE OF TETHER THROUGH CORNER OF COVER

WRAP TETHER AROUND AND FEED THROUGH BENT TETHER LOOP



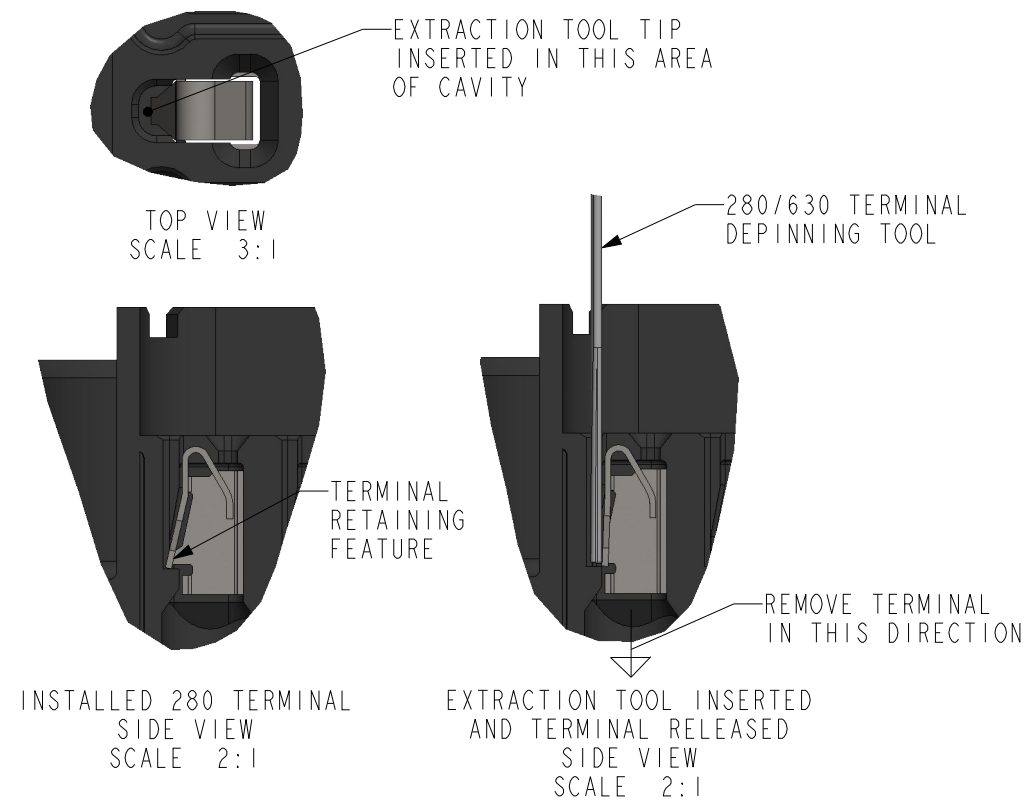
ATTACH OTHER TETHER LOOP TO THIS FEATURE ON HOUSING



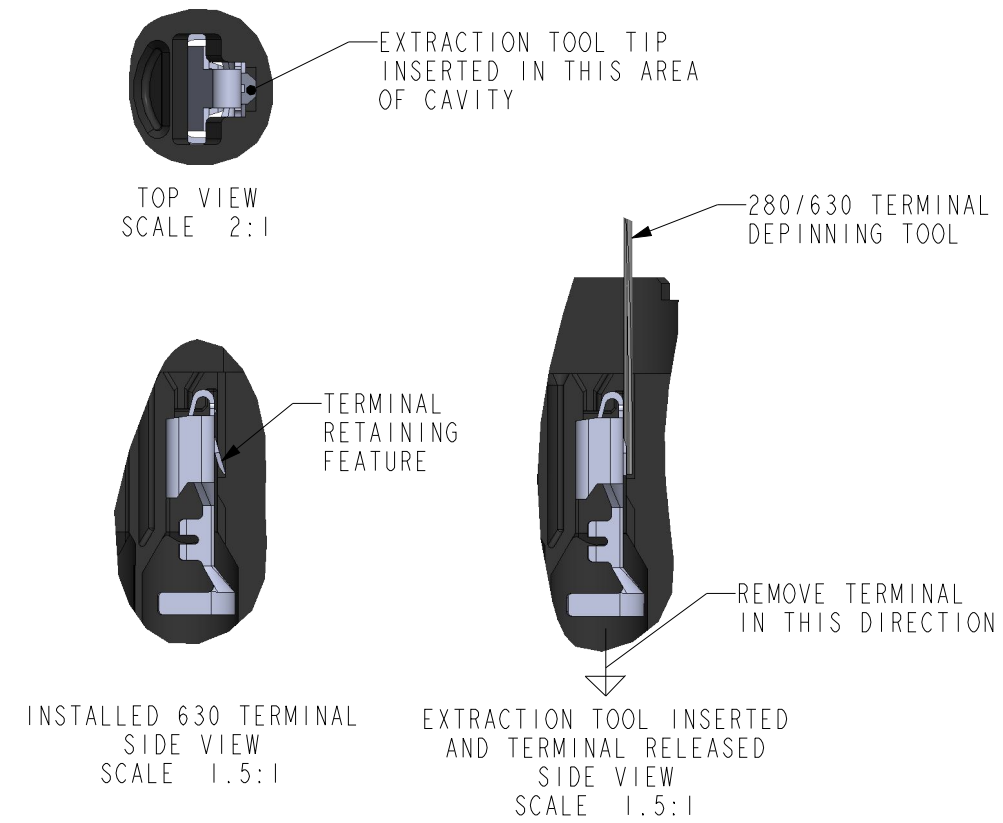
GEP POWER PRODUCTS		16830 Pheasant Drive Brookfield, WI 53005		
PART NO:	PDM-S SERIES (SALES)			
DESCRIPTION:	POWER DISTRIBUTION MODULE - MODEL S, SERIES DRAWING			
CUSTOMER:	STANDARD			
METRIC (MM)	REV 5	SHEET 9 OF 10	SCALE 1:1	SIZE B

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
	5	10 OF 10	1:1	B