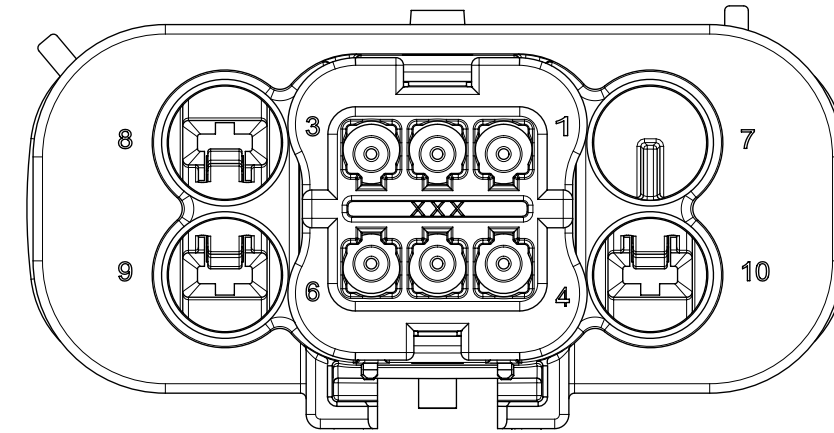
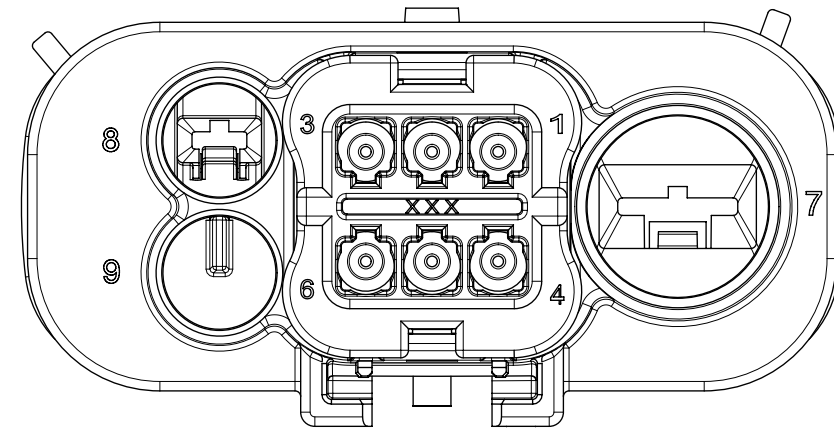
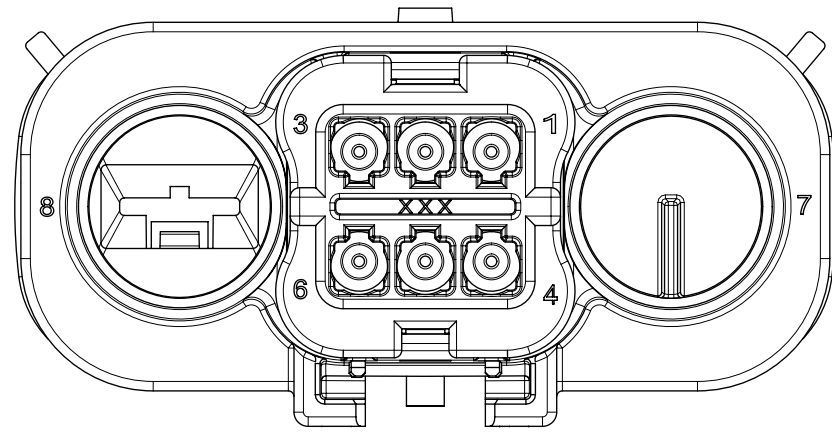
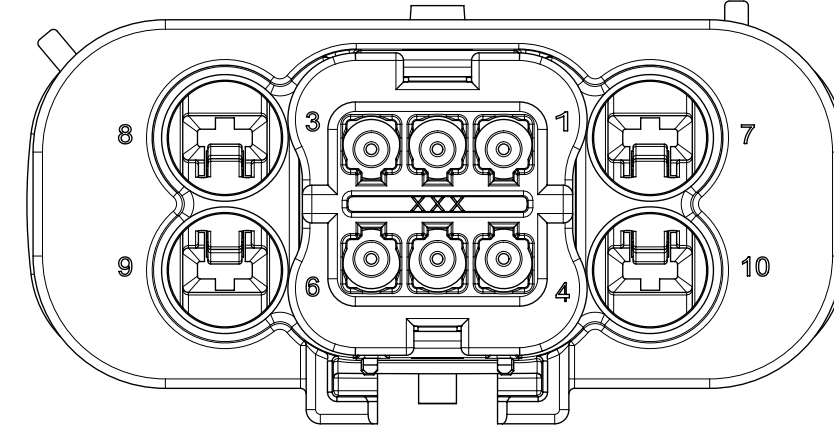
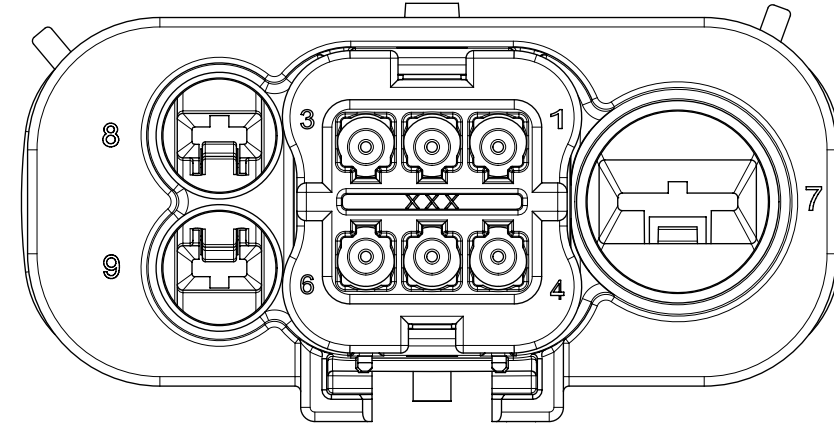
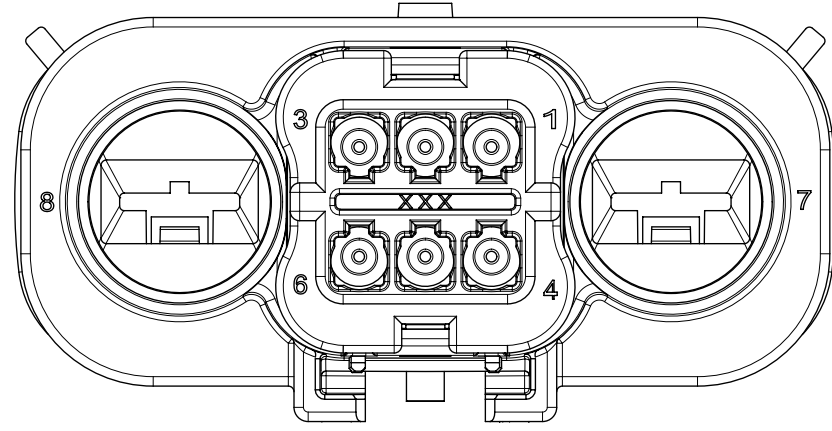


WITH
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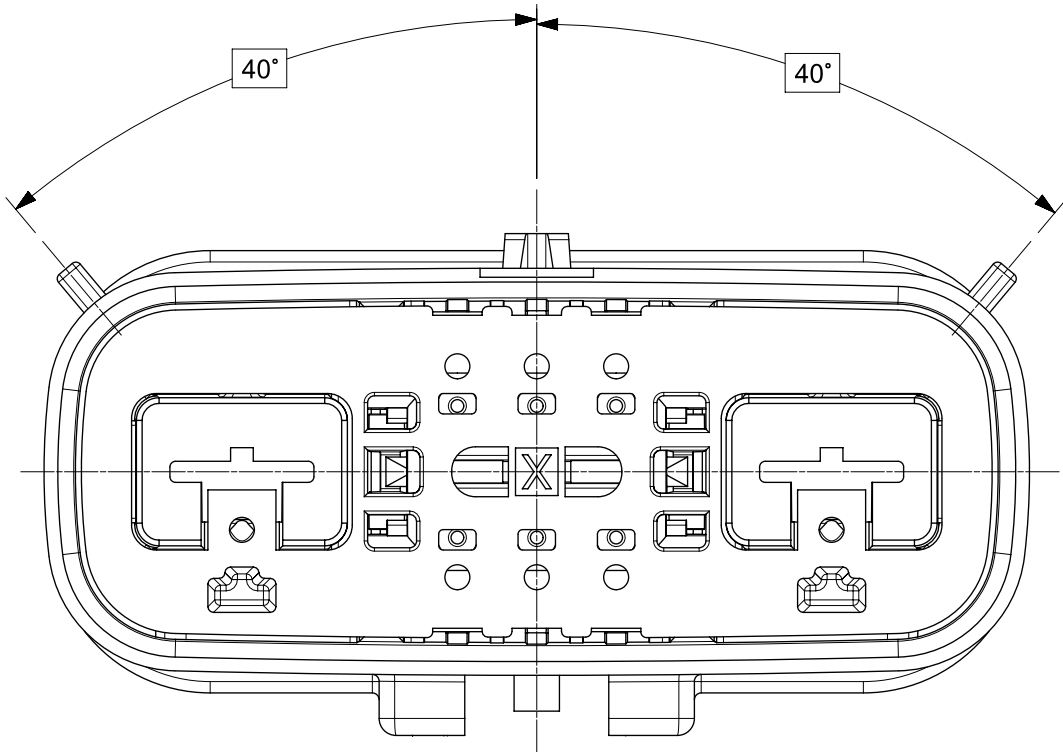
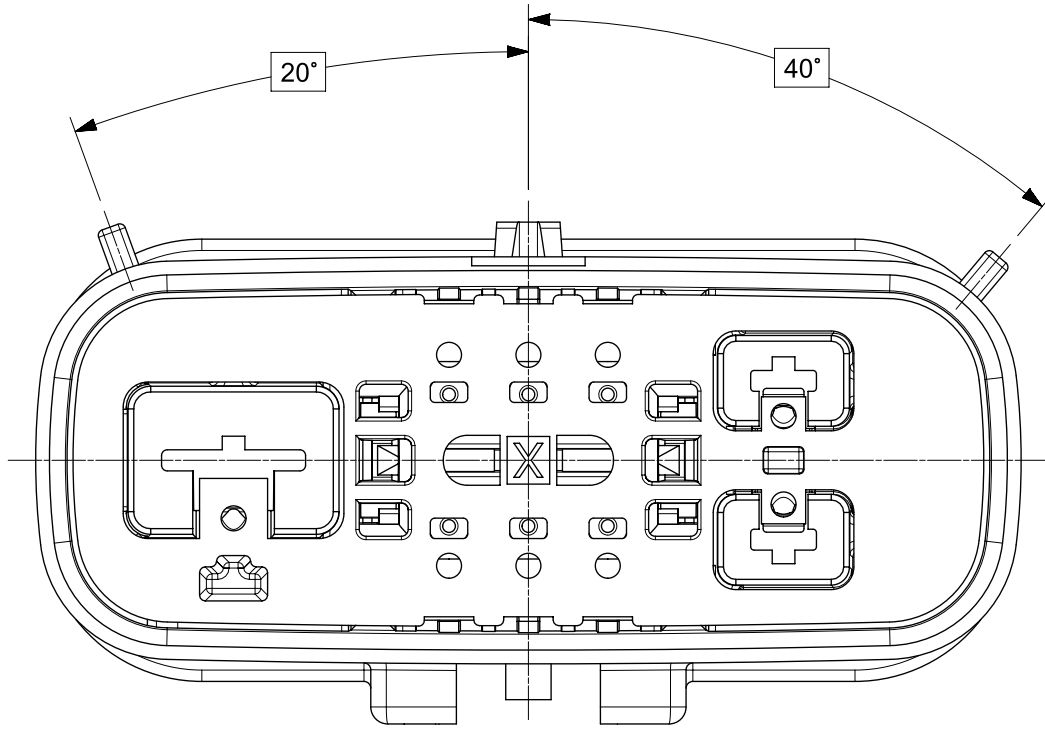
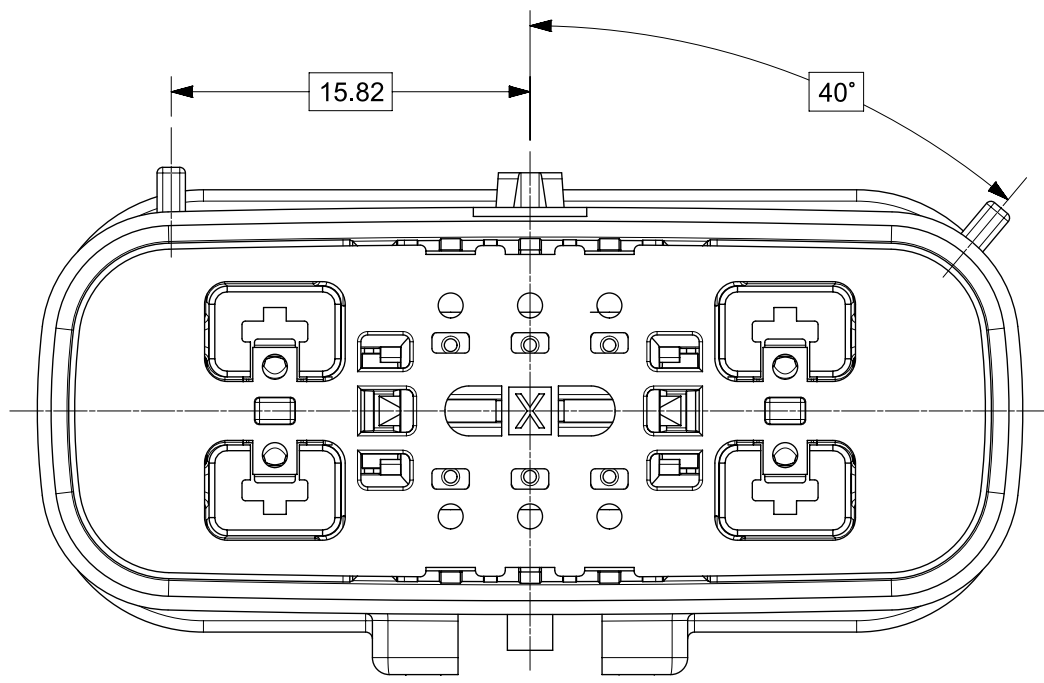
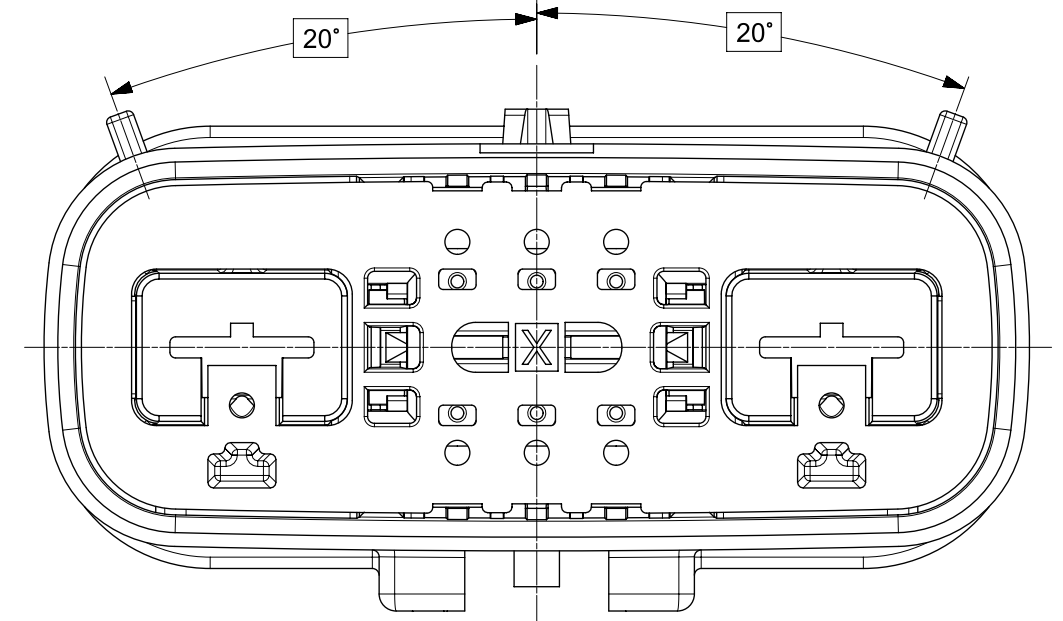
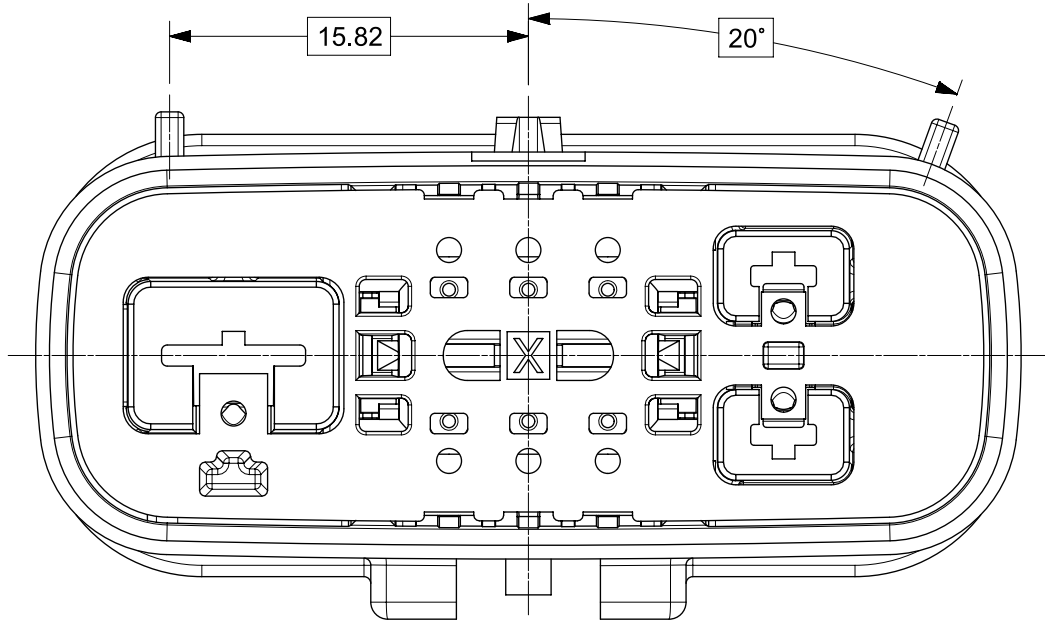
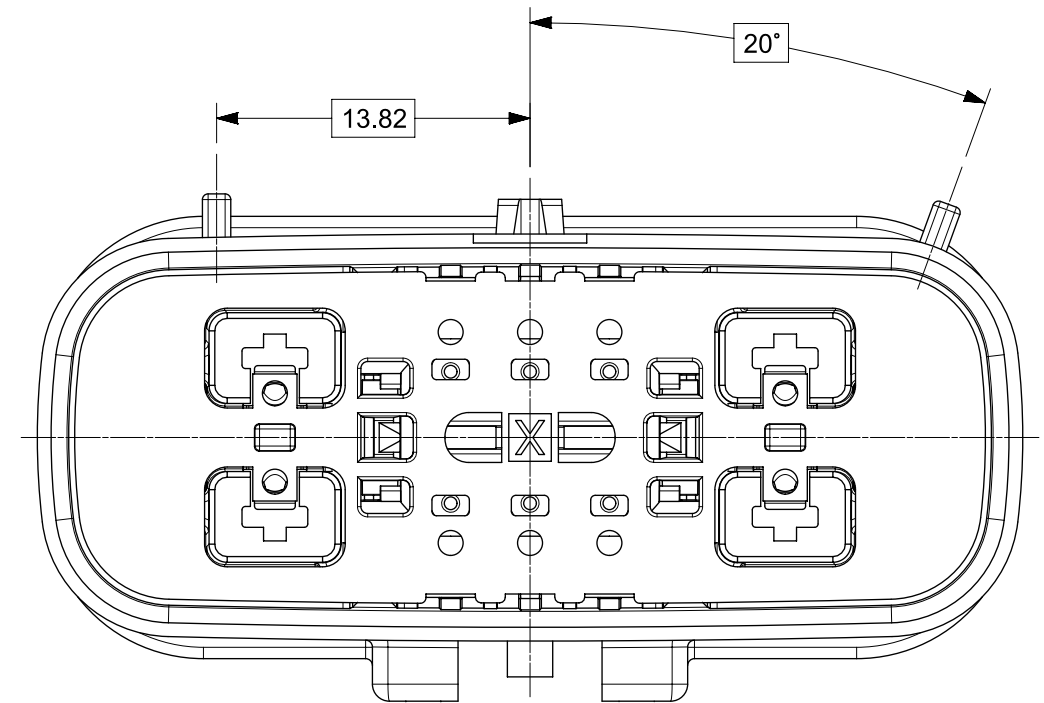
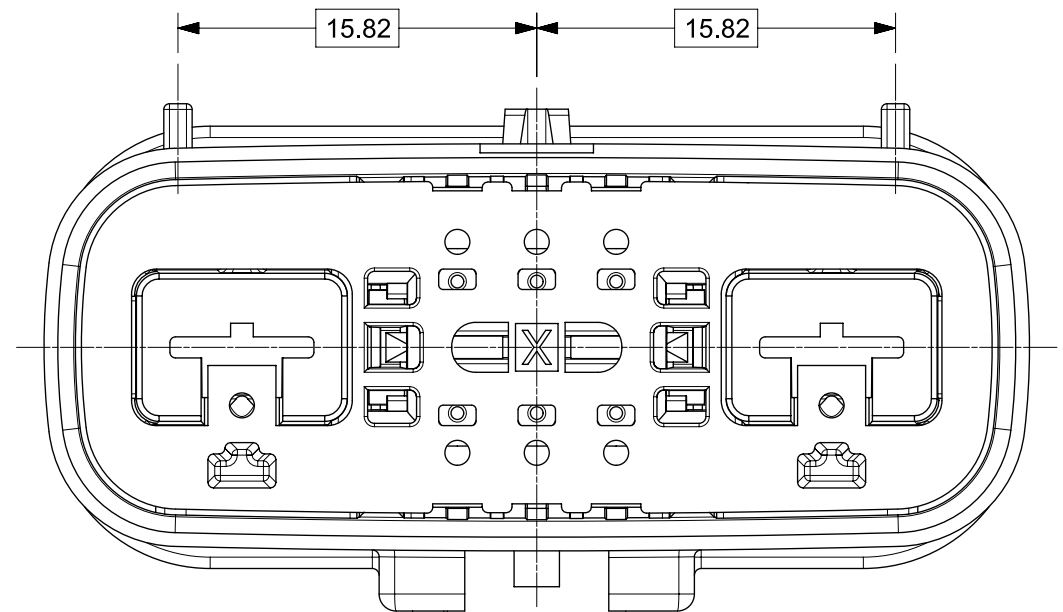
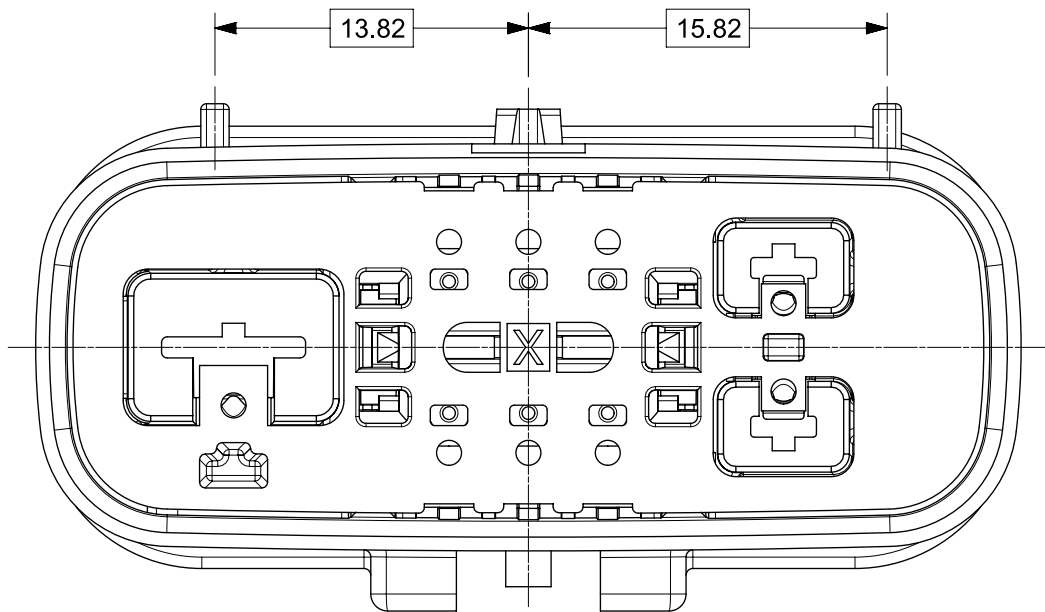
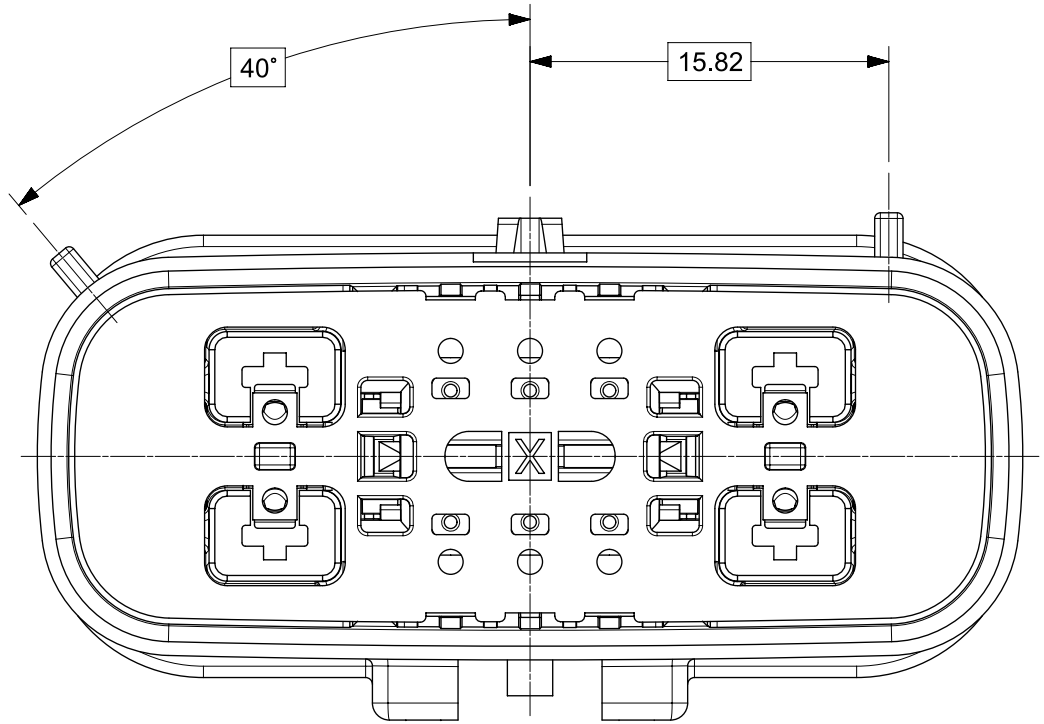
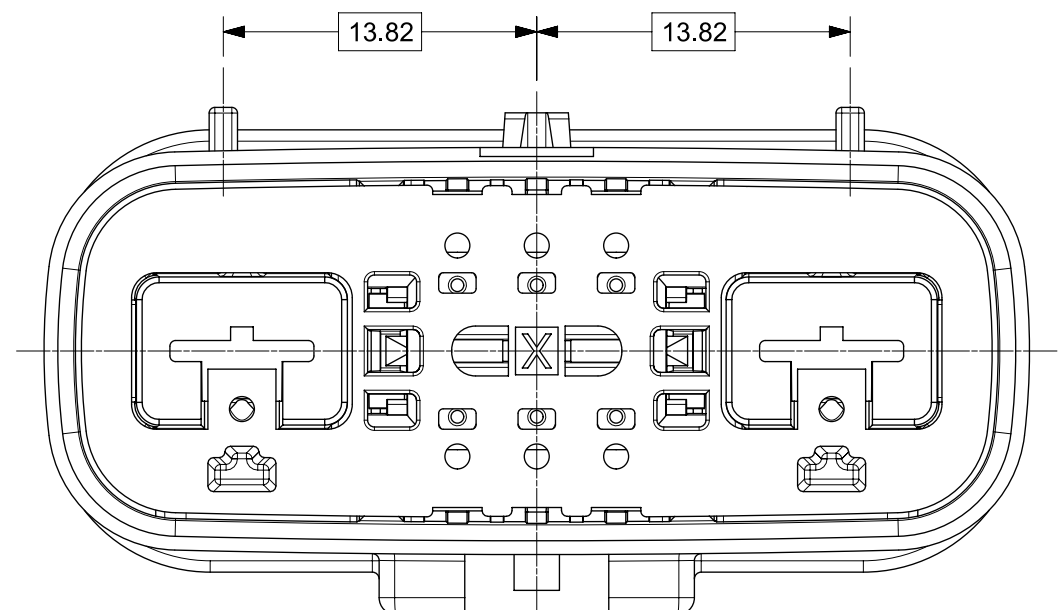
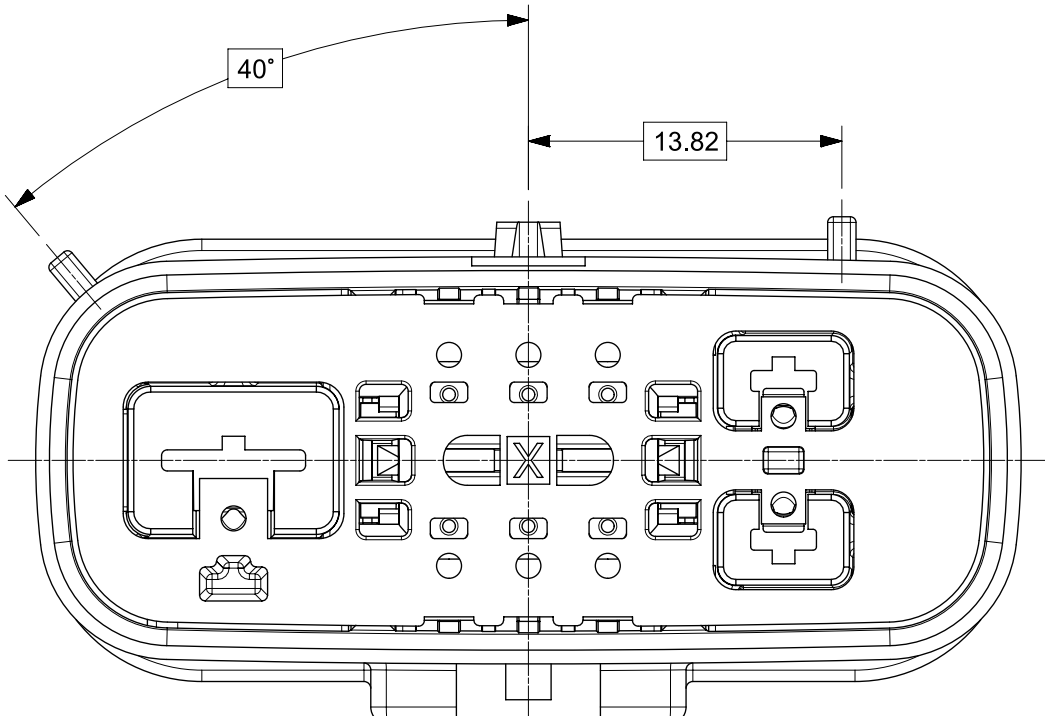
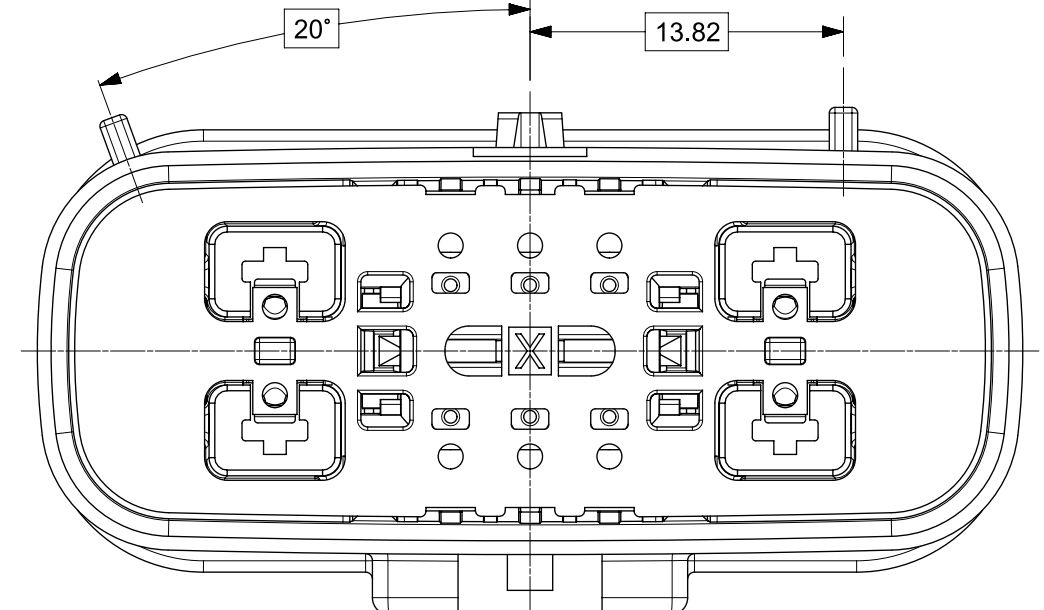
8W HYBRID

9W HYBRID

10W HYBRID



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
	DIMENSION UNITS		SCALE		CURRENT REV DESC: Changed the document restriction to General Market.					molex MX150 HYBRID BLADE DUAL ROW SEALED ASSY DUAL ROW SEALED ASSEMBLY MAT SEAL							
	mm		2.5:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 0.5°																
	4 PLACES		±														
	3 PLACES		±		STATUS: Production DRWN: Mahesh KP 2023-03-21 CHK'D: Ryan Dunn 2023-03-21 APPR: Ryan Dunn 2023-03-21					DOCUMENT NUMBER					DOC TYPE	DOC PART	REVISION
	2 PLACES		±							1600770001					PSD	000	A5
	1 PLACE		±														
	0 PLACES		±														
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
							A1-SIZE		160077				GENERAL MARKET		2 OF 7		

	8W HYBRID	9W HYBRID	10W HYBRID
KEY A			
KEY B			
KEY C			
KEY D			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: Changed the document restriction to General Market.					
	mm		3:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 0.5°									
	4 PLACES		±							
	3 PLACES		±							
	2 PLACES		±							
DIVISIONAL SYMBOLS	1 PLACE		±							
	0 PLACES		±							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
							A1-SIZE		160077	

MX150 HYBRID BLADE DUAL ROW SEALED ASSY
DUAL ROW SEALED ASSEMBLY MAT SEAL

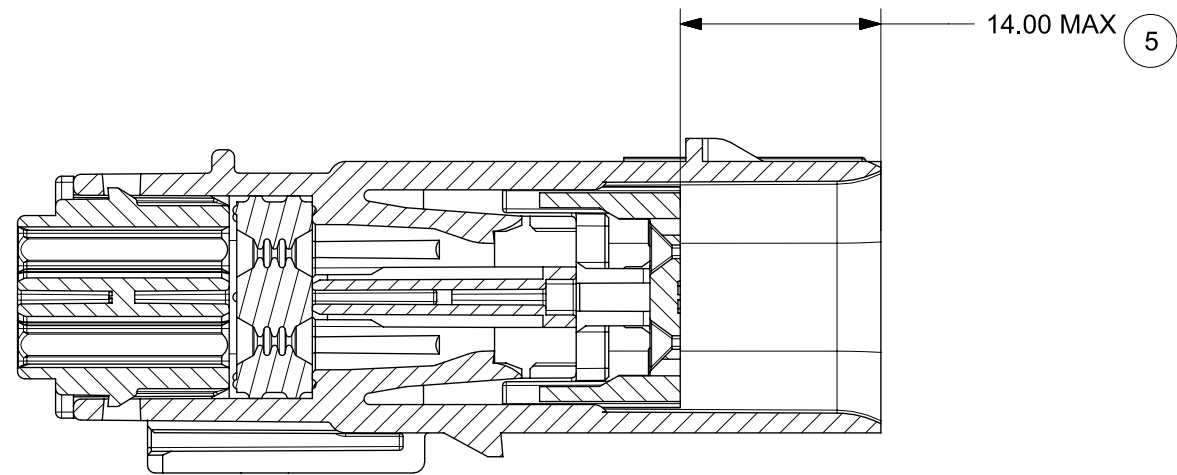
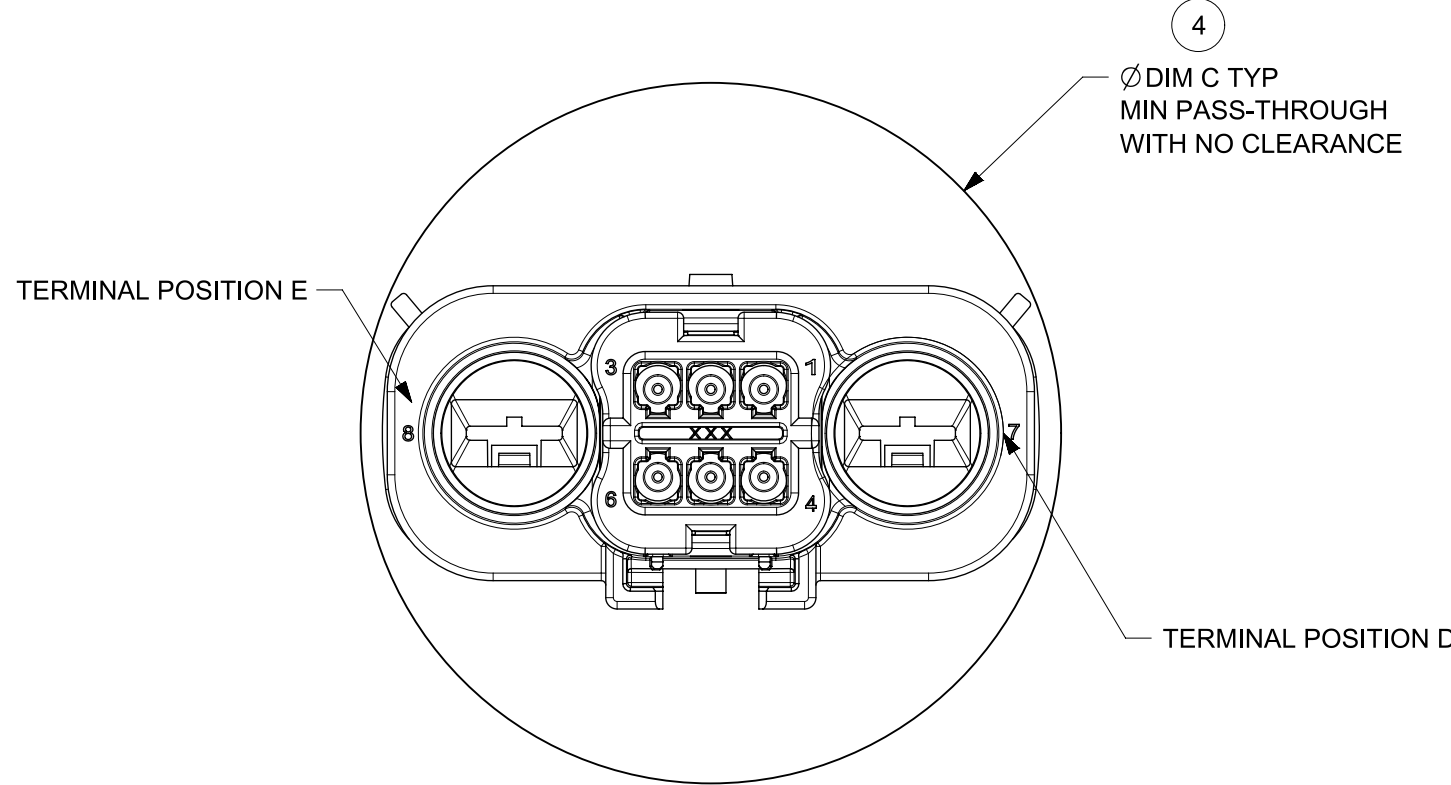
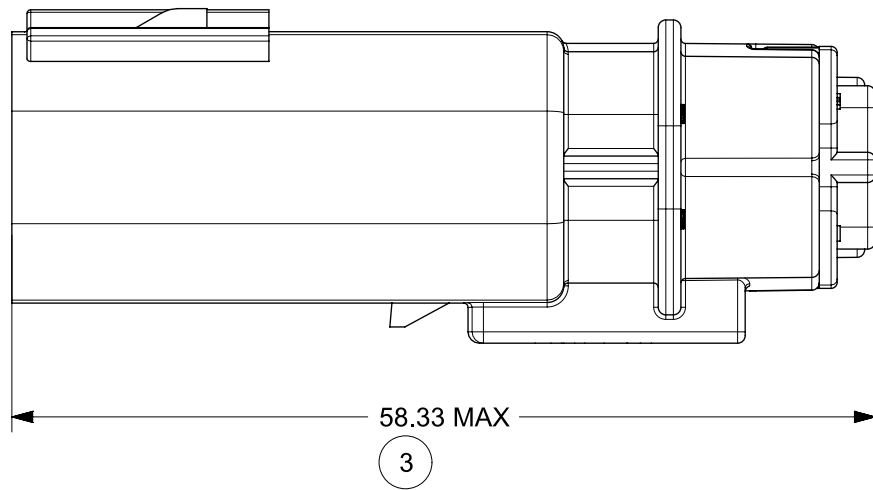
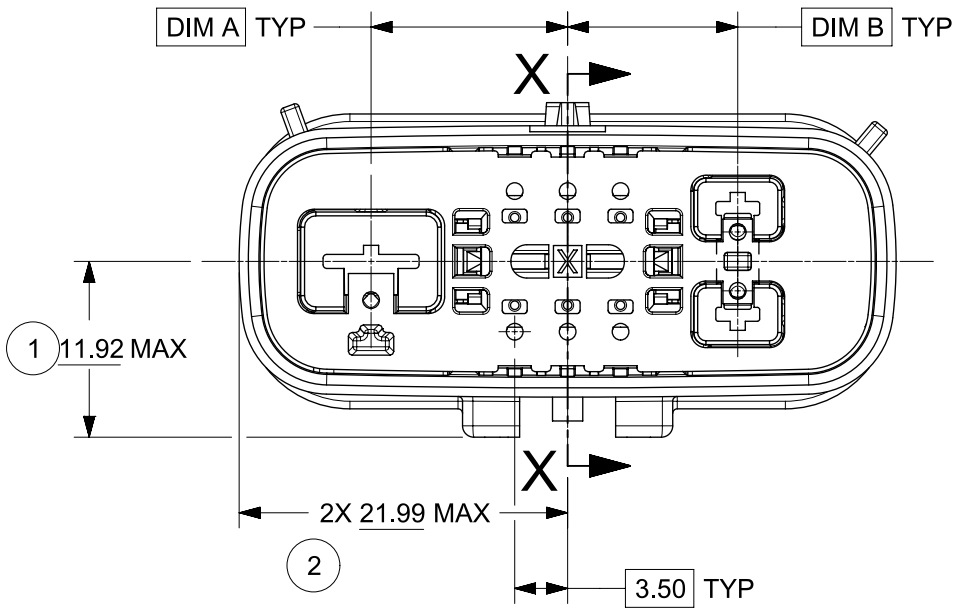
PRODUCT SALES DRAWING

DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
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MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
		GENERAL MARKET		3 OF 7

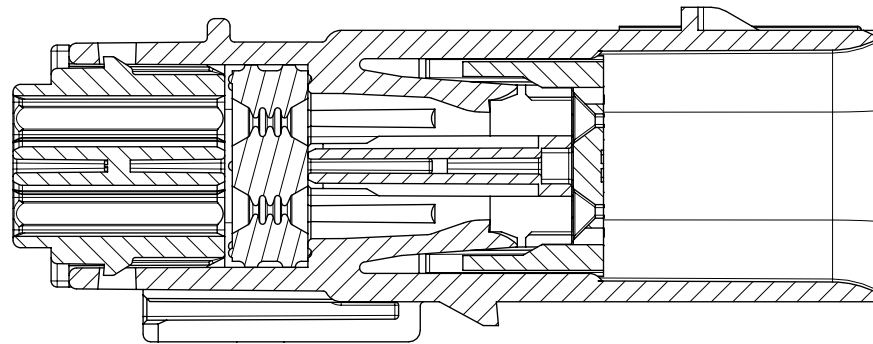
SHEET DESCRIPTION
BLADE CONNECTOR ASSEMBLY

DESCRIPTION	CHARTED DIMENSIONS						
	DIMENSIONS						
	A	B	C	D	E	F	G
8 WAY HYBRID (1.5/6.3)	13.00	N/A	46.33	7	8	N/A	N/A
9 WAY HYBRID (1.5/2.8/6.3)	13.00	11.25	46.33	7	8	9	N/A
10 WAY HYBRID (1.5/2.8)	N/A	11.25	46.33	7	8	9	10

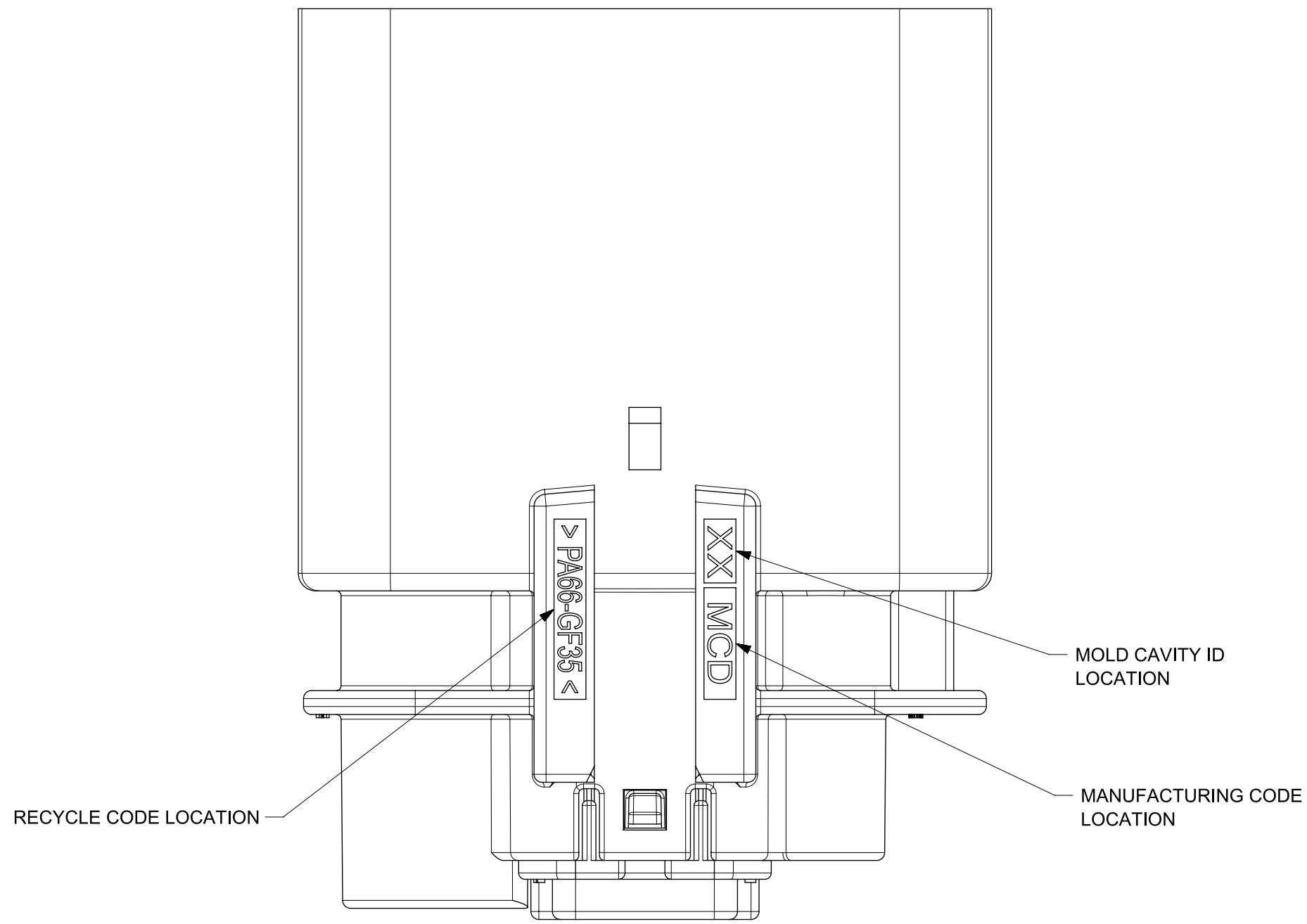
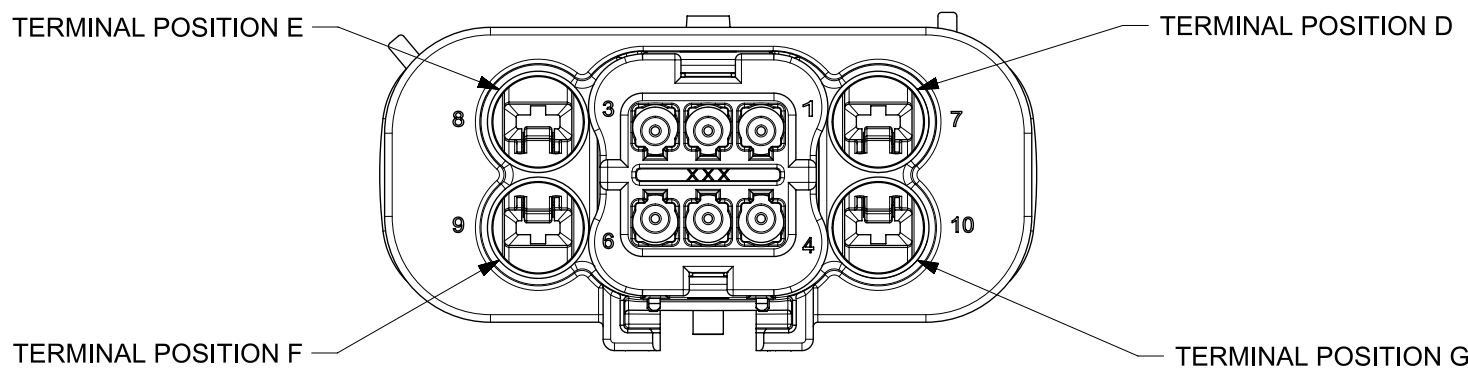
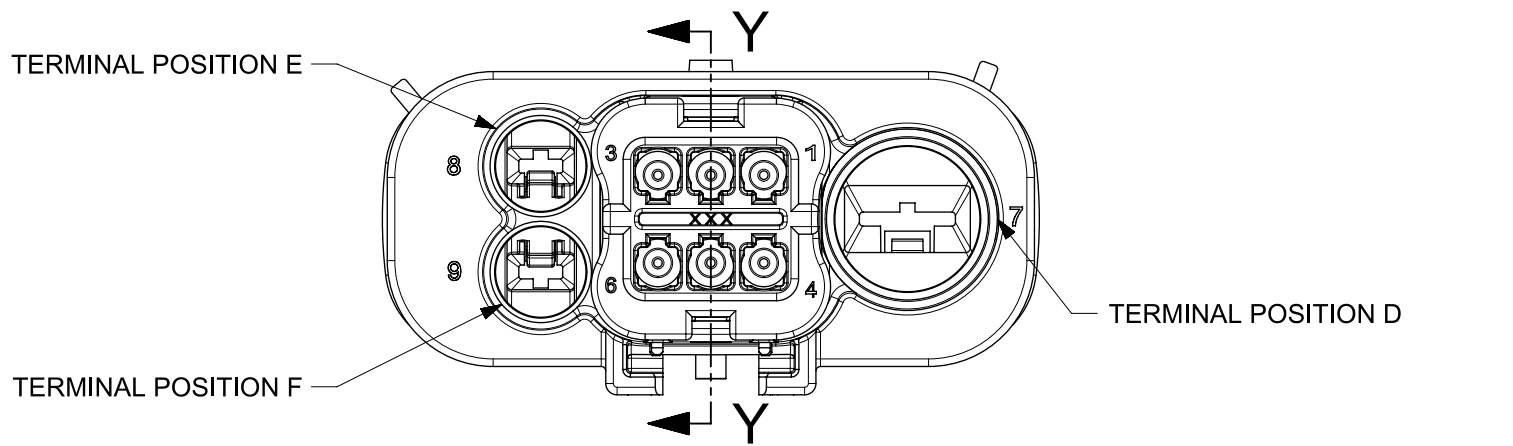
LASER MARKING ON THIS SURFACE
SEE NOTE 3g



PRIMARY LOCK REINFORCEMENT (PLR)
SHOWN IN PRE - STAGE POSITION
SECTION Y-Y



PRIMARY LOCK REINFORCEMENT (PLR)
SHOWN IN FINAL - STAGE POSITION
SECTION X-X



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
	DIMENSION UNITS		SCALE		CURRENT REV DESC: Changed the document restriction to General Market.													
	mm		1:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)																	
	ANGULAR TOL ± 0.5°					molex												
	4 PLACES		±															
	3 PLACES		±															
	2 PLACES		±															
	1 PLACE		±															
	0 PLACES		±		MX150 HYBRID BLADE DUAL ROW SEALED ASSY DUAL ROW SEALED ASSEMBLY MAT SEAL													
STATUS: Production DRWN: Mahesh KP CHK'D: Ryan Dunn APPR: Ryan Dunn				2023-03-21						2023-03-21		2023-03-21						
				DIVISIONAL SYMBOLS						PRODUCT SALES DRAWING								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
							A1-SIZE		160077		1600770001		PSD		000		A5	
											MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
													GENERAL MARKET				4 OF 7	

The diagram illustrates the MX150 8W Hybrid Blade assembly. It includes a top-down view of the blade connector housing with terminal positions 7 and 8 labeled. A detailed exploded view shows the internal components: the PLR (Power Line Resistor) board, the Grommet Cap (which can be plugged or open), the Housing, the Mat Seal, and the Grommet Cap itself. The assembly is shown being inserted into the blade housing.

ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING KEYING OPTION A	BLACK	DSM PA66 GF35
B-LG	HOUSING KEYING OPTION B	LIGHT GRAY	DSM PA66 GF35
C-DG	HOUSING KEYING OPTION C	DARK GRAY	DSM PA66 GF35
D-SG	HOUSING KEYING OPTION D	STONE GRAY	DSM PA66 GF35
A-BLK	HOUSING KEYING OPTION A - BLOCKED	BLACK	DSM PA66 GF35
GCP	GROMMET CAP (PLUGGED)	BLACK	DSM PA66 GF35
GCO	GROMMET CAP (OPEN)	BLACK	DSM PA66 GF35
PLR	PLR	NATURAL	DSM PA66 GF35
M	MAT SEAL	RUST RED	INHERENTLY LUBRICATED SILICONE

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT				BLOCKED TERMINALS								STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.				CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION										BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	MAT SEAL	1	2	3	4	5	6	7	8				
KEY A, BLACK	160079-3001	A-BLK	GCP	PLR	M									SALEABLE		TBD	TBD
KEY B, LIGHT GRAY	160079-3002	B-LG	GCP	PLR	M									SALEABLE		TBD	TBD
KEY C, DARK GRAY	160079-3003	C-DG	GCP	PLR	M									SALEABLE		TBD	TBD
KEY D, STONE GRAY	160079-3004	D-SG	GCP	PLR	M									SALEABLE		TBD	TBD
KEY A BLOCKED, BLACK	160079-3005	A-BLK	GCP	PLR	M							7		SALEABLE		TBD	TBD

[illegible]

TERMINAL POSITION 8

8

3

1

7

9

6

4

10

TERMINAL POSITION 7

TERMINAL POSITION 9

TERMINAL POSITION 10

MAT SEAL

GROMMET CAP

PLR

HOUSING

ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING KEYING OPTION A	BLACK	DSM PA66 GF35
B-LG	HOUSING KEYING OPTION B	LIGHT GRAY	DSM PA66 GF35
C-DG	HOUSING KEYING OPTION C	DARK GRAY	DSM PA66 GF35
D-SG	HOUSING KEYING OPTION D	STONE GRAY	DSM PA66 GF35
A-BLK	HOUSING KEYING OPTION A - BLOCKED	BLACK	DSM PA66 GF35
GCP	GROMMET CAP (PLUGGED)	BLACK	DSM PA66 GF35
GCO	GROMMET CAP (OPEN)	BLACK	DSM PA66 GF35
PLR	PLR	NATURAL	DSM PA66 GF35
M	MAT SEAL	RUST RED	INHERENTLY LUBRICATED SILICONE

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT				BLOCKED TERMINALS										STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPARATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.				CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION												BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	MAT SEAL	1	2	3	4	5	6	7	8	9	10				
KEY A, BLACK	160077-5001	A-BLK	GCP	PLR	M											SALEABLE		TBD	TBD
KEY B, LIGHT GRAY	160077-5002	B-LG	GCP	PLR	M											SALEABLE		TBD	TBD
KEY C, DARK GRAY	160077-5003	C-DG	GCP	PLR	M											SALEABLE		TBD	TBD
KEY D, STONE GRAY	160077-5004	D-SG	GCP	PLR	M											SALEABLE		TBD	TBD
KEY A BLOCKED, BLACK	160077-5005	A-BLK	GCP	PLR	M							7				SALEABLE		TBD	TBD
KEY A BLOCKED, BLACK	160077-5006	A-BLK	GCP	PLR	M									9	10	SALEABLE		TBD	TBD
KEY A BLOCKED, BLACK	160077-5007	A-BLK	GCP	PLR	M							7	8	9		SALEABLE		TBD	TBD
KEY A BLOCKED, BLACK	160077-5008	A-BLK	GCP	PLR	M							7	8		10	SALEABLE		TBD	TBD
KEY A, BLACK	160077-5009	A-BLK	GCP	PLR	M	1		3		5						SALEABLE		TBD	TBD
KEY A, BLACK	160077-5010	A-BLK	GCP	PLR	M		2		4		6					SALEABLE		TBD	TBD

18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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