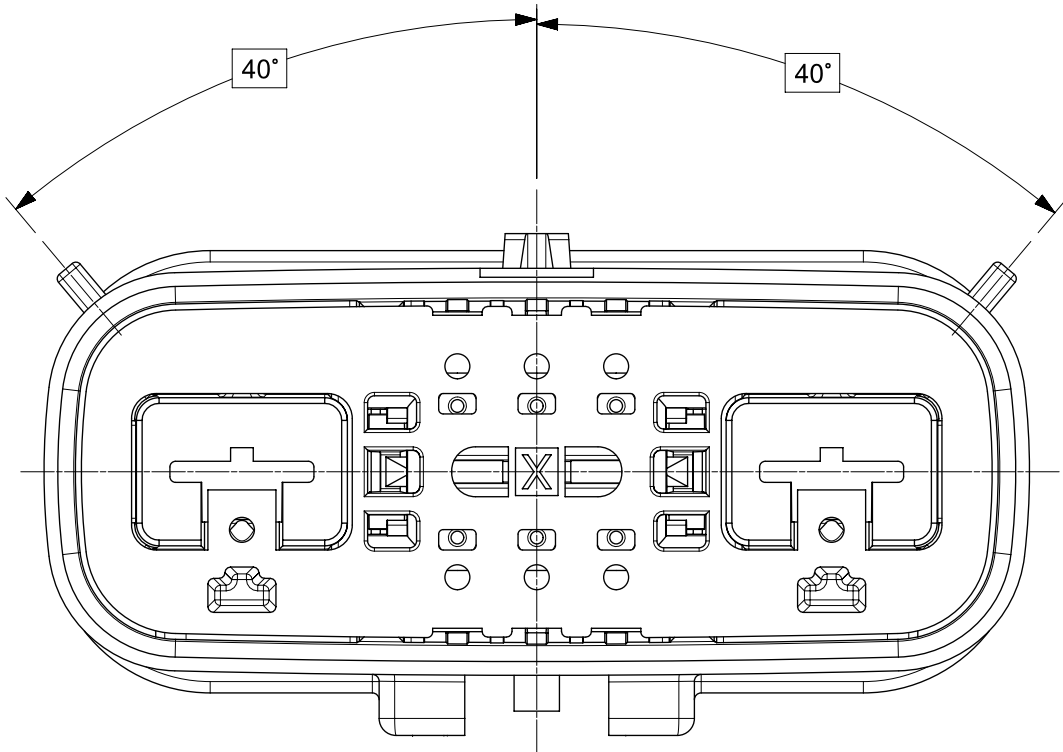
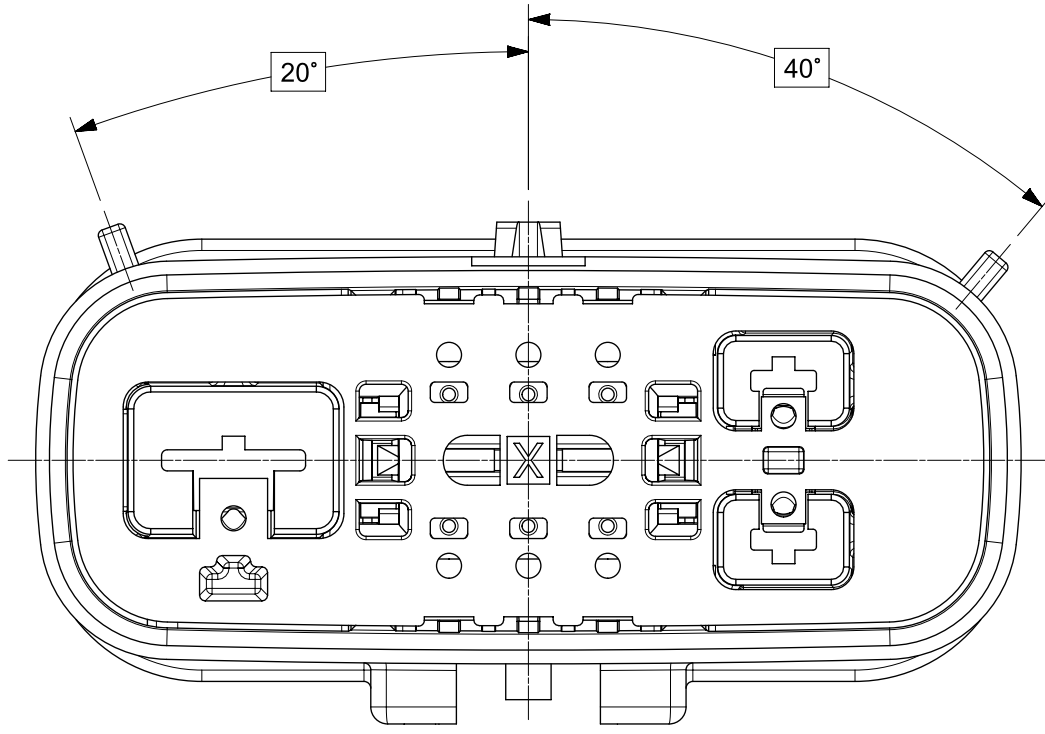
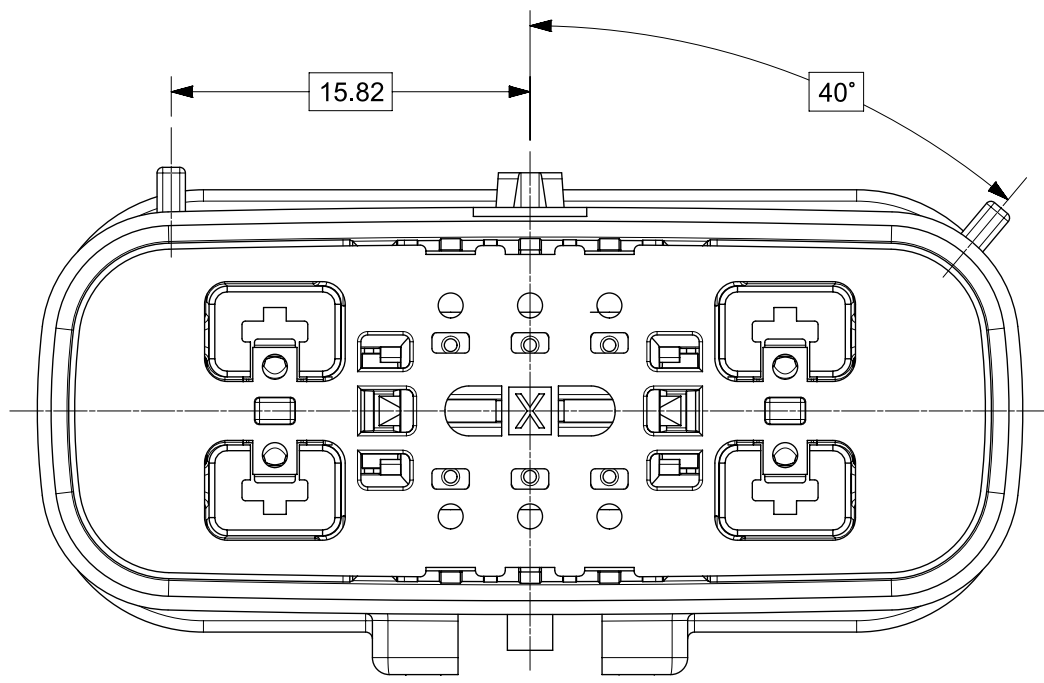
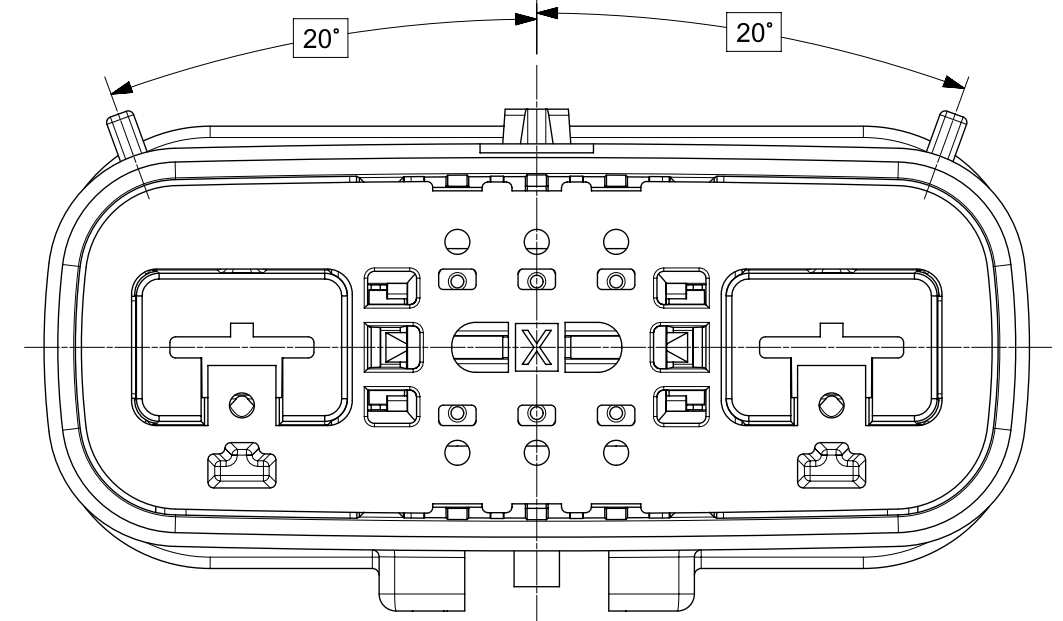
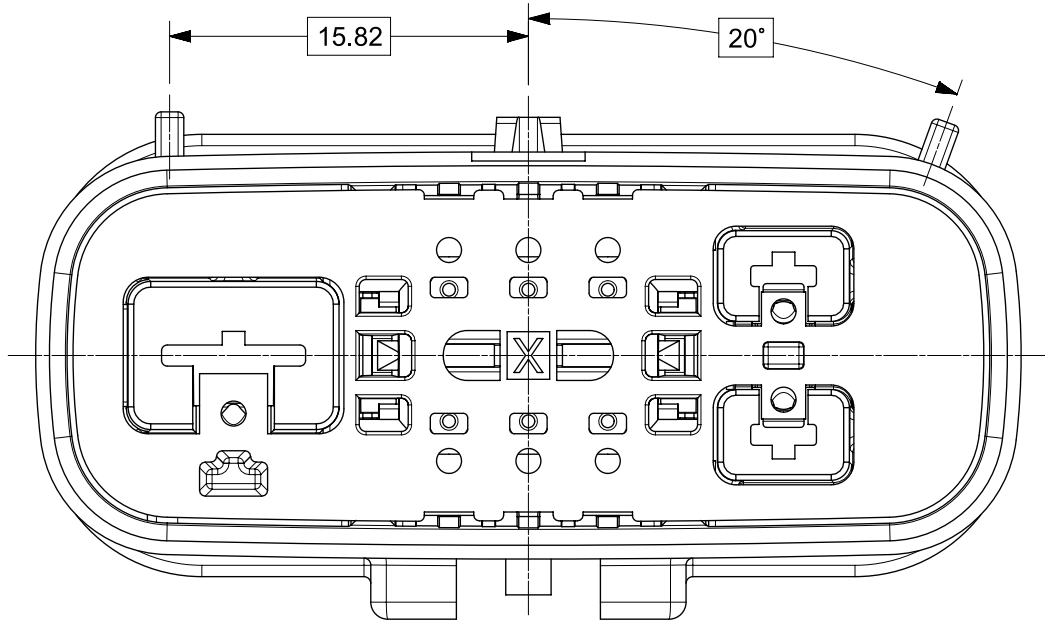
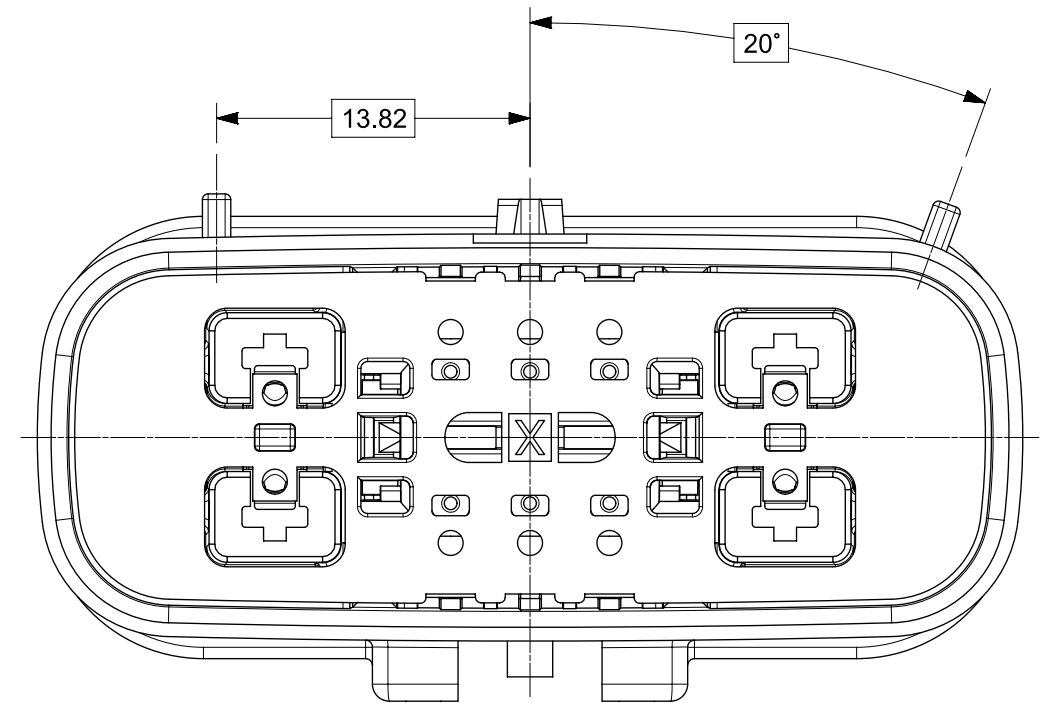
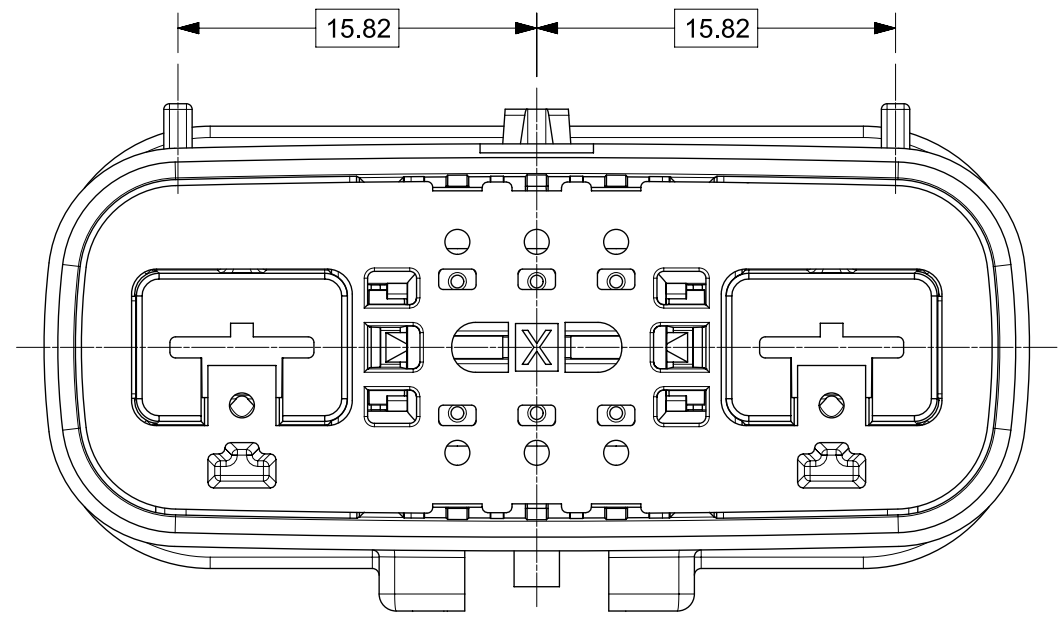
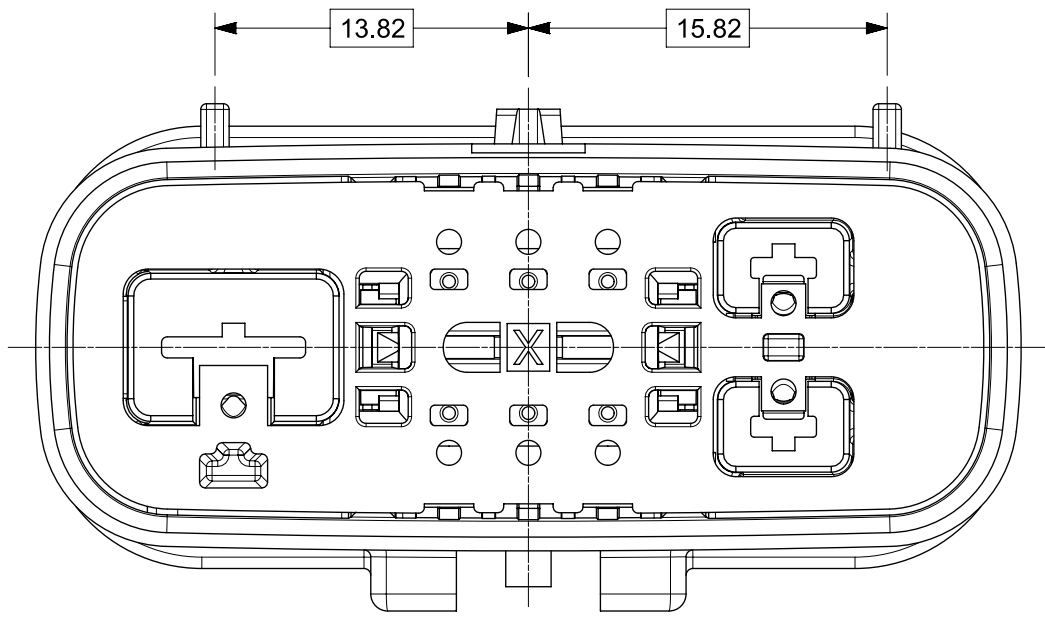
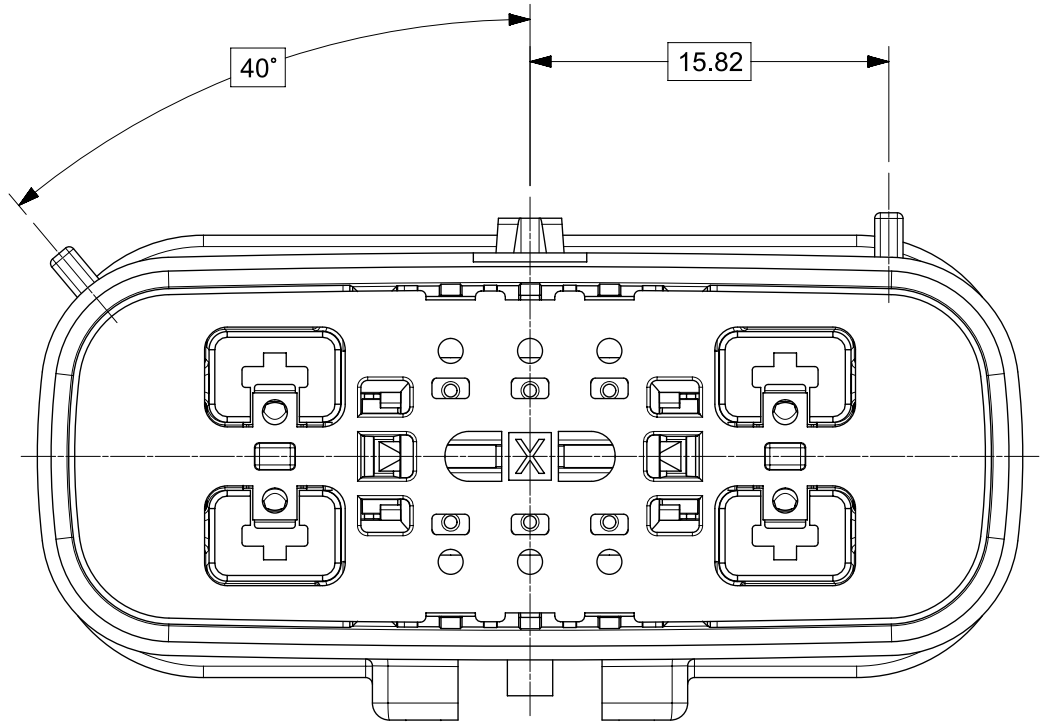
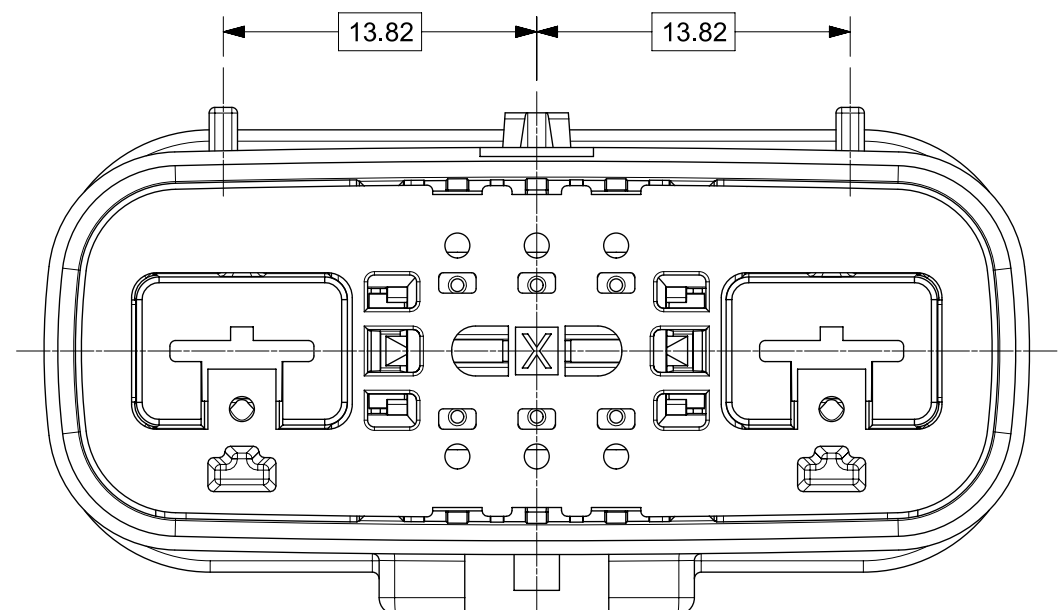
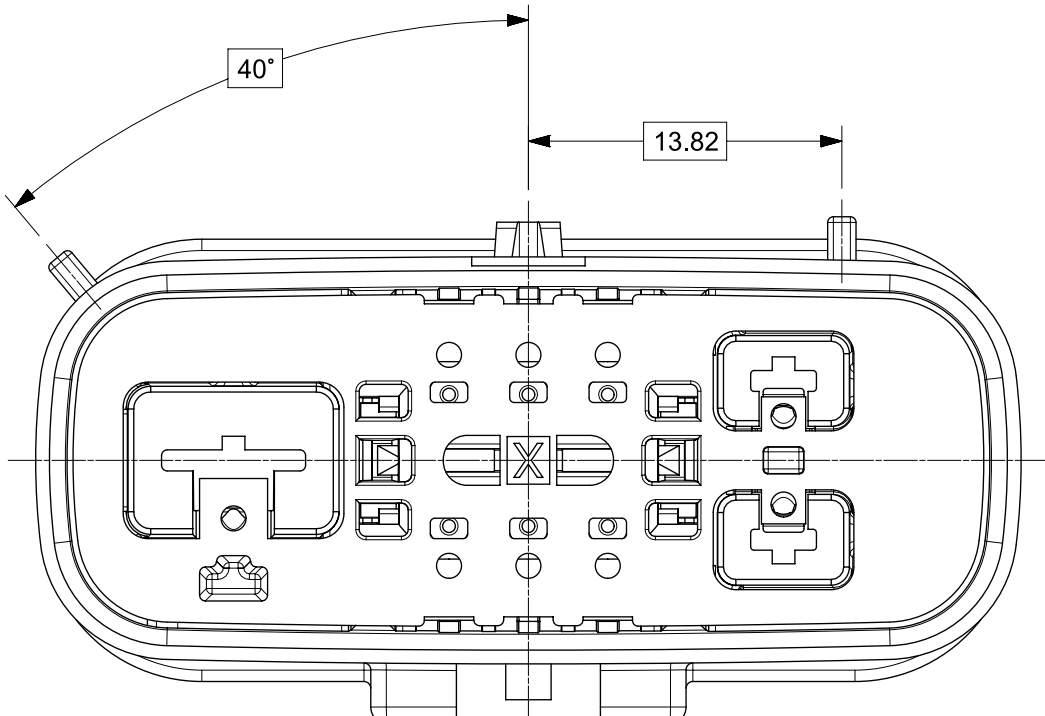
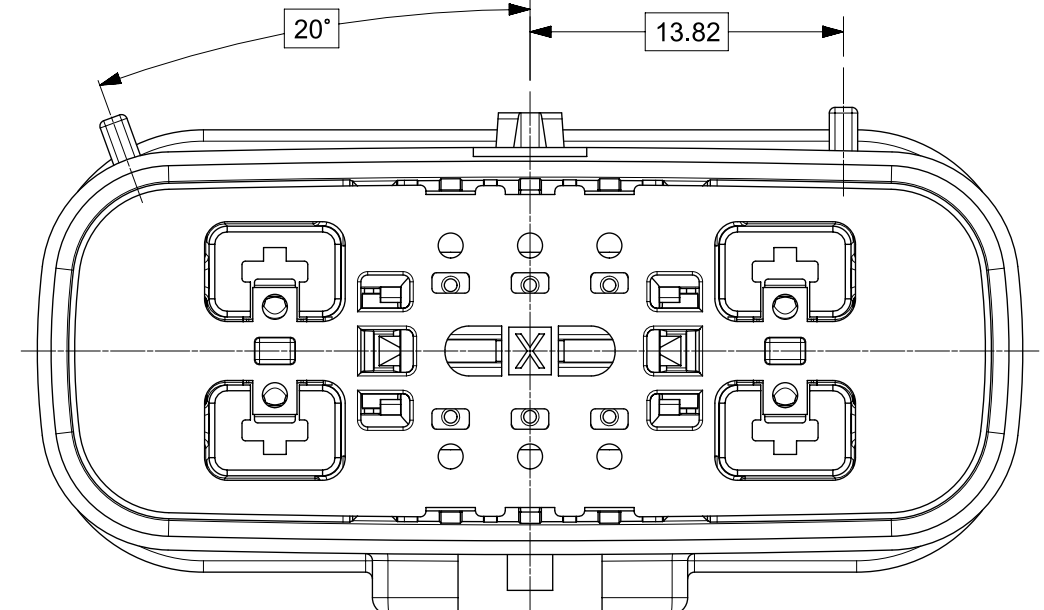


FORMAT TO-D-905-A1

FORMAT TO-D-905-A1

	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 F A = 0 F C = 0 F D = 0 DIVISIONAL 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		±										
	1 PLACE		±										
	0 PLACES		±										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				A1-SIZE		160077				GENERAL MARKET		3 OF 7	

MOLEX

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

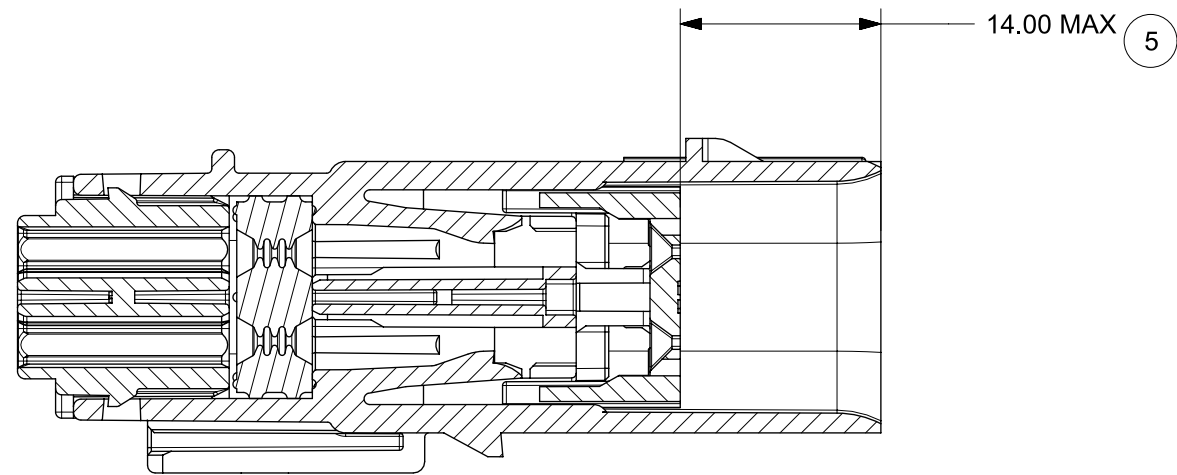
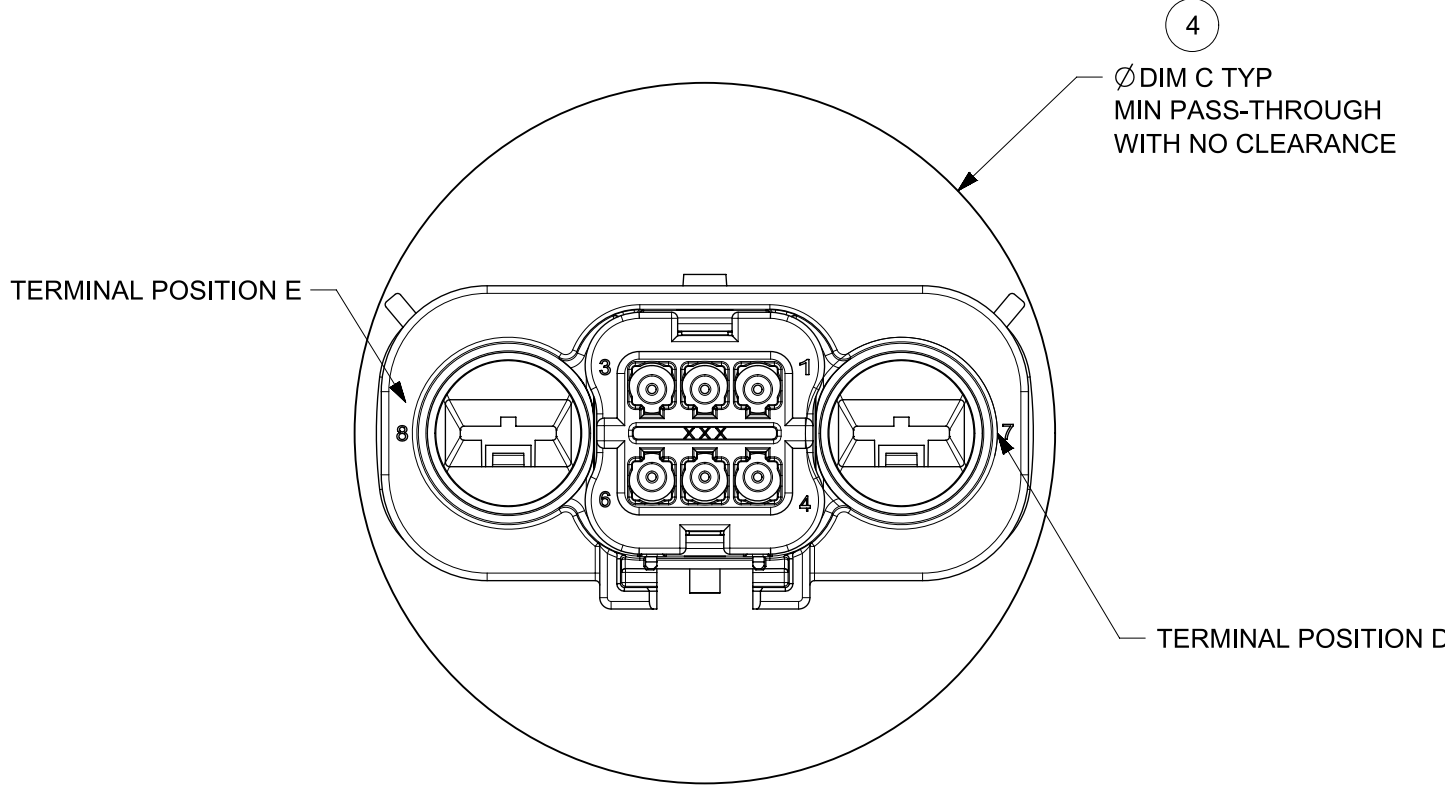
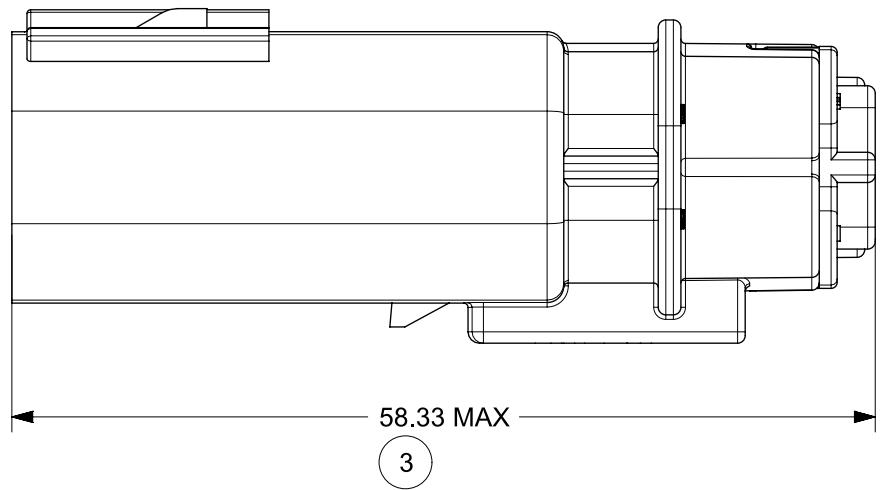
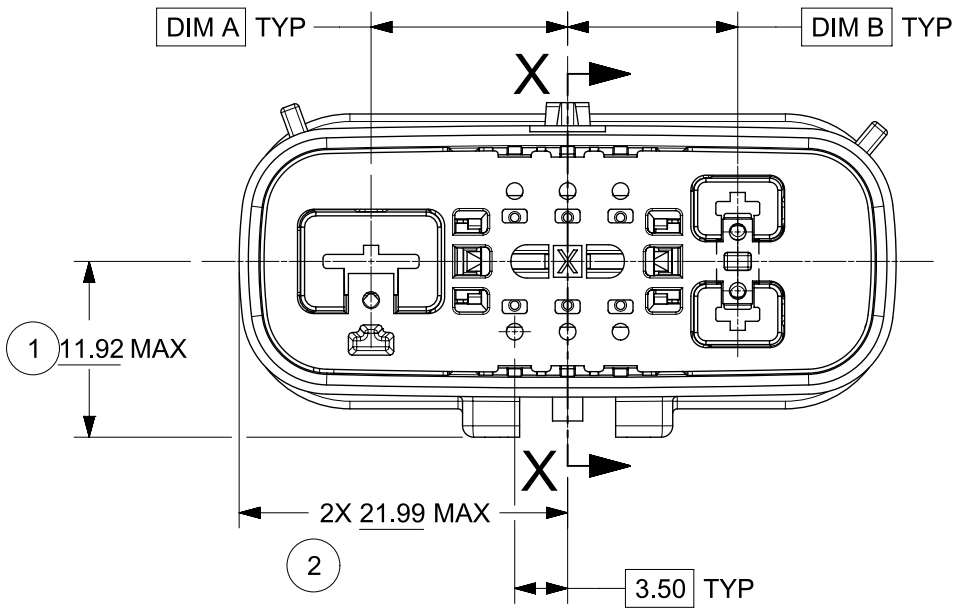
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1600770001	PSD	000	A5

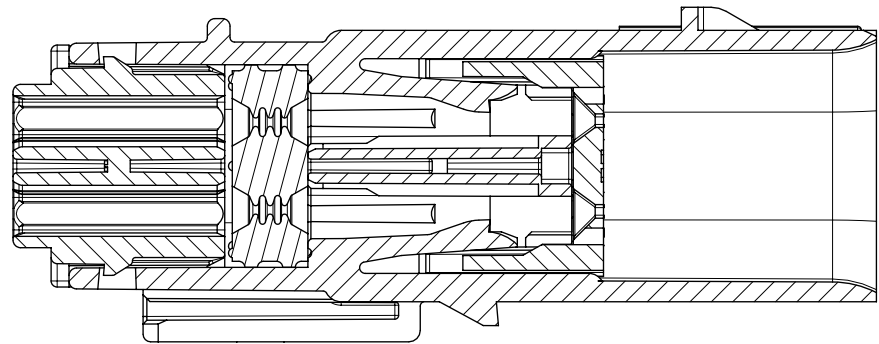
SHEET DESCRIPTION
BLADE CONNECTOR ASSEMBLY

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

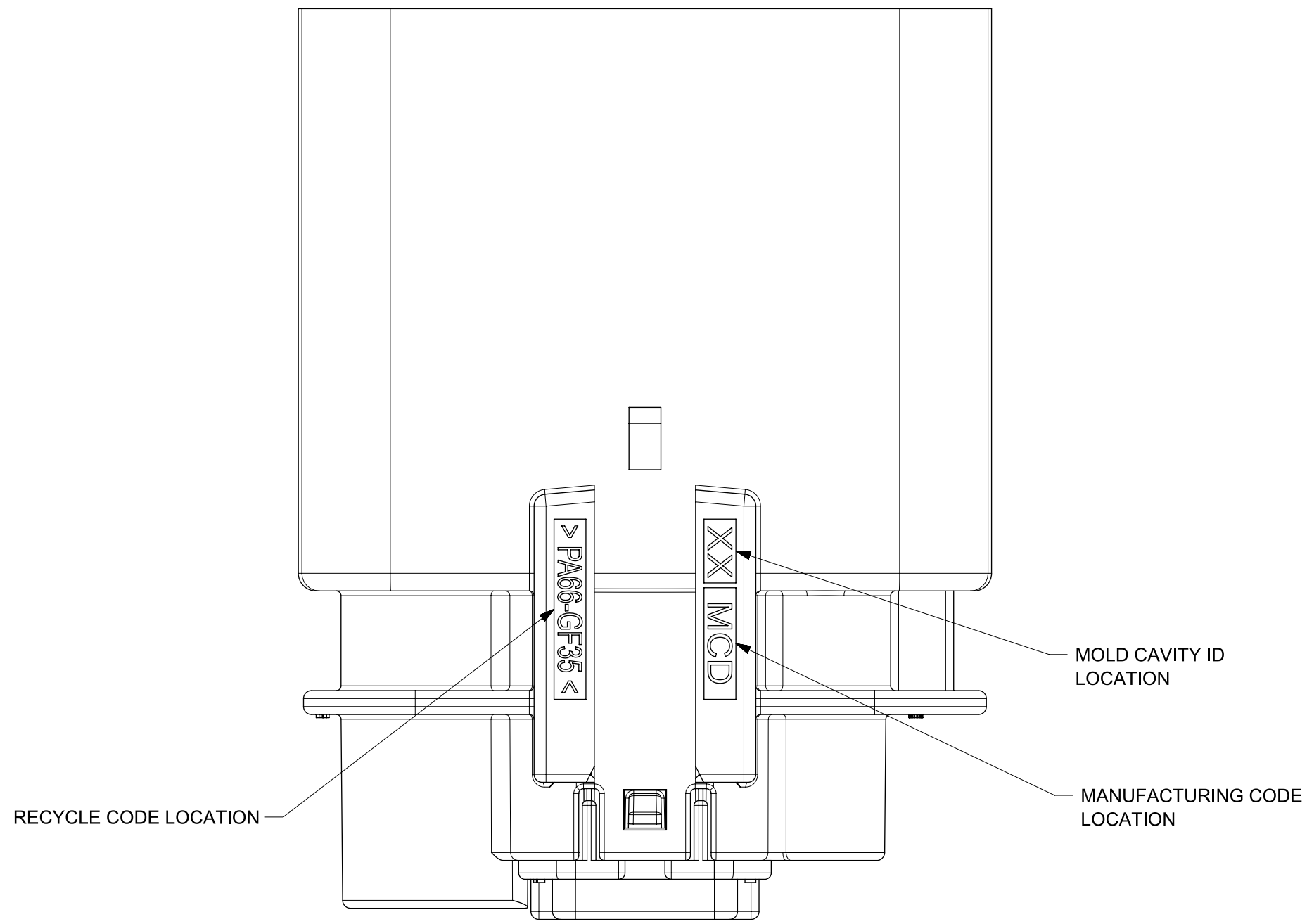
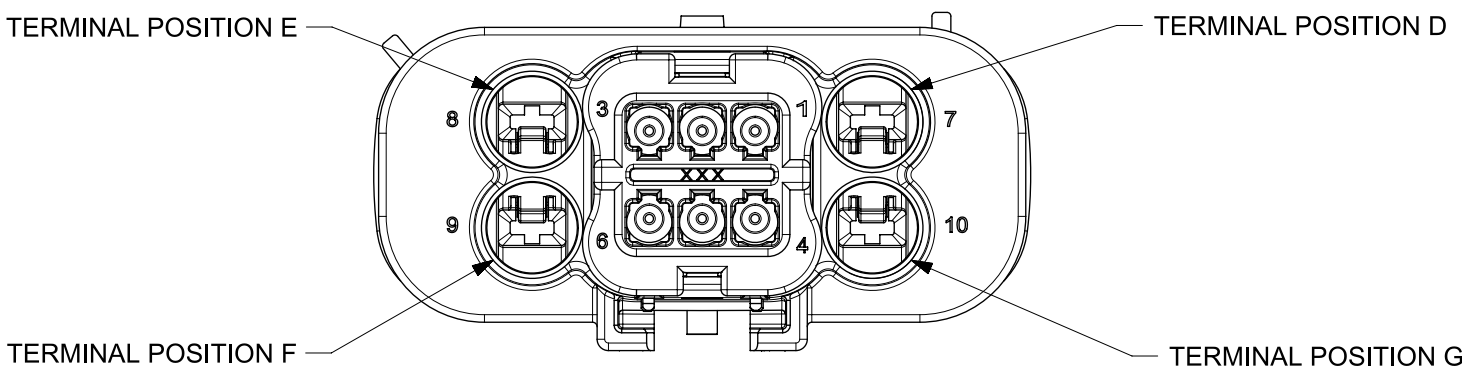
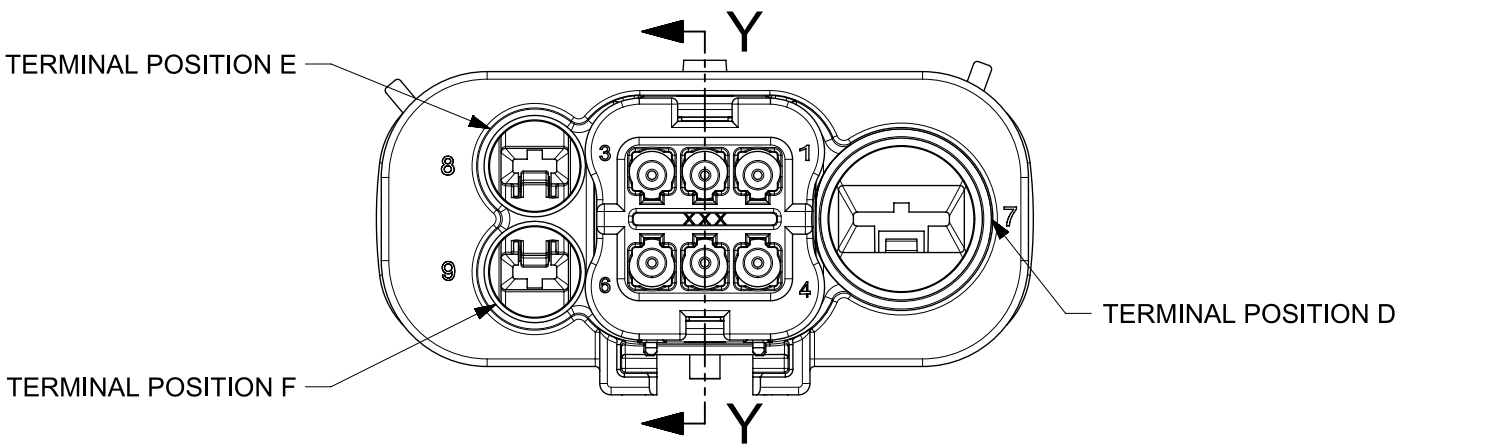
LASER MARKING ON THIS SURFACE
SEE NOTE 3g

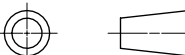


PRIMARY LOCK REINFORCEMENT (PLR)
SHOWN IN PRE - STAGE POSITION
SECTION Y-Y



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)		MX150 HYBRID BLADE DUAL ROW SEALED ASSY DUAL ROW SEALED ASSEMBLY MAT SEAL										
	ANGULAR TOL ± 0.5°												
	4 PLACES ±												
	3 PLACES ±												
	2 PLACES ±												
	1 PLACE ±		STATUS: Production DRWN: Mahesh KP CHK'D: Ryan Dunn APPR: Ryan Dunn		2023-03-21 2023-03-21 2023-03-21		PRODUCT SALES DRAWING DOCUMENT NUMBER 1600770001 DOC TYPE PSD DOC PART 000 REVISION A5						
	0 PLACES ±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION									DRAWING A1-SIZE		SERIES 160077
													

MX150 8W HYBRID BLADE

Diagram illustrating the terminal positions (7 and 8) on the MX150 8W Hybrid Blade.

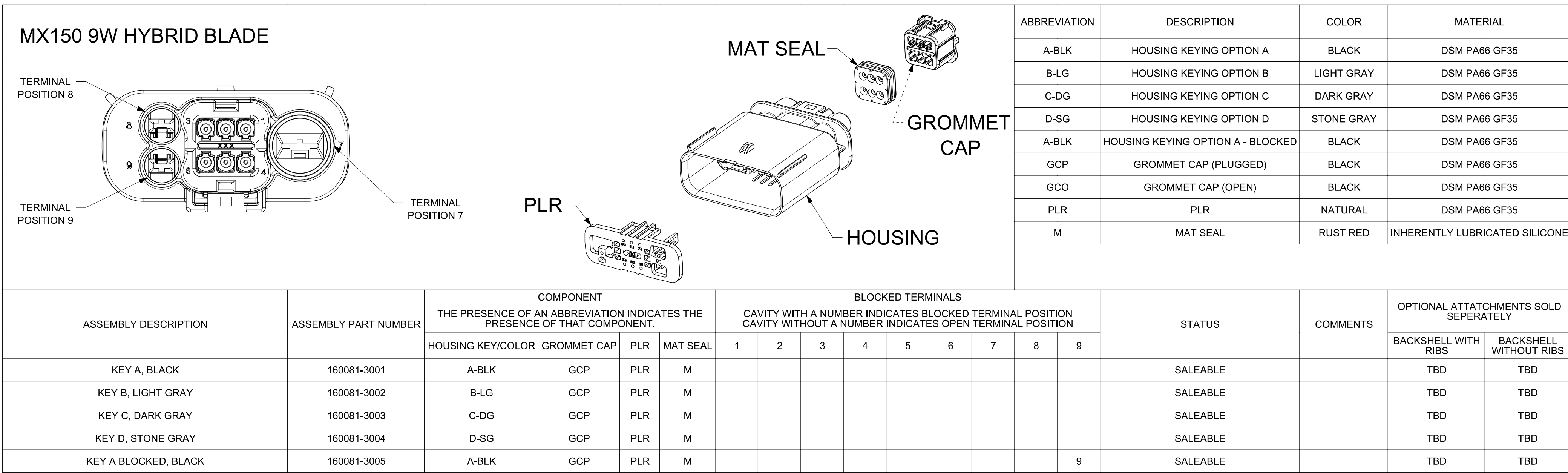
Diagram illustrating the assembly components and steps for the MX150 8W Hybrid Blade:

- HOUSING**: The main body of the blade.
- PLR**: Plug Locking Release component.
- MAT SEAL**: Seal used to secure the housing.
- GROMMET CAP**: Cap used to secure the 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						
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		

SHEET DESCRIPTION
9W BILL OF MATERIALS



FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: Changed the document restriction to General Market.													
		mm		1:1		molex MX150 HYBRID BLADE DUAL ROW SEALED ASSY DUAL ROW SEALED ASSEMBLY MAT SEAL													
		GENERAL TOLERANCES (UNLESS SPECIFIED)																	
		ANGULAR TOL ± 0.5°																	
		4 PLACES		±															
		3 PLACES		±		PRODUCT SALES DRAWING													
		2 PLACES		±															
1 PLACE		±																	
0 PLACES		±		STATUS: Production		DRWN: Mahesh KP		2023-03-21		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
				CHK'D: Ryan Dunn		2023-03-21		2023-03-21		1600770001		PSD		000		A5			
				APPR: Ryan Dunn						MATERIAL NUMBER		CUSTOMER				SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING		SERIES		A1-SIZE		160077		GENERAL MARKET				6 OF 7	

TERMINAL POSITION 8

8

TERMINAL POSITION 9

9

TERMINAL POSITION 7

7

TERMINAL POSITION 10

10

1

2

3

4

5

6

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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