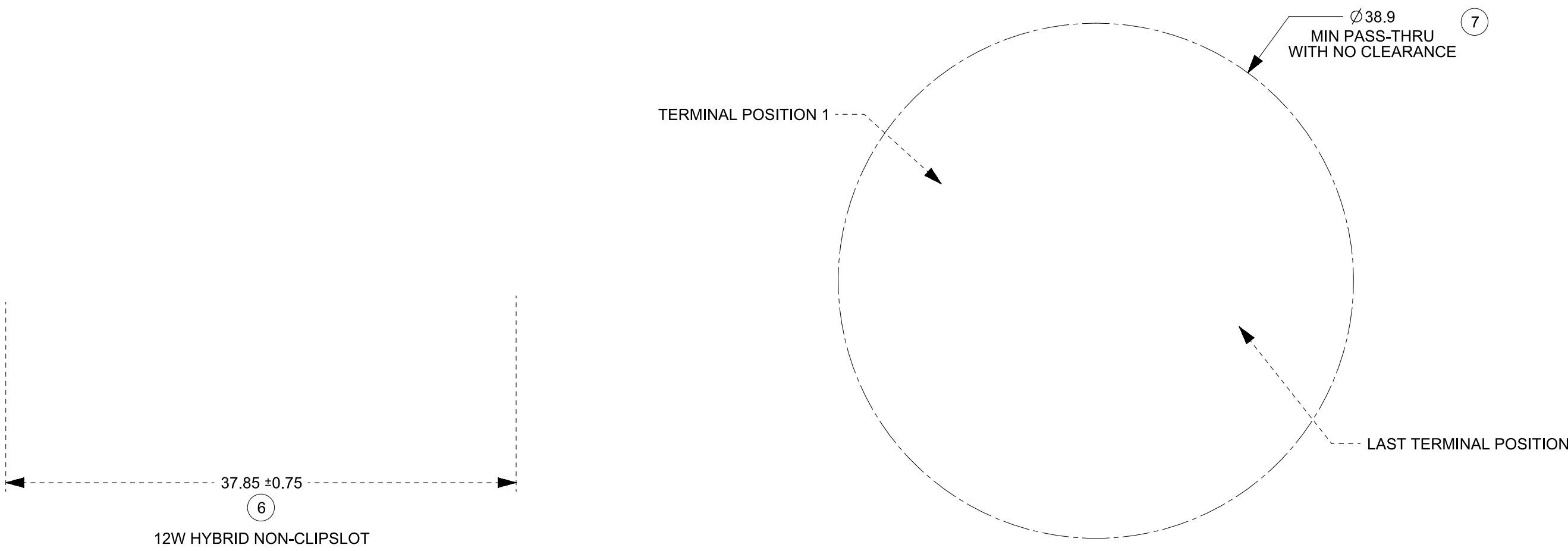
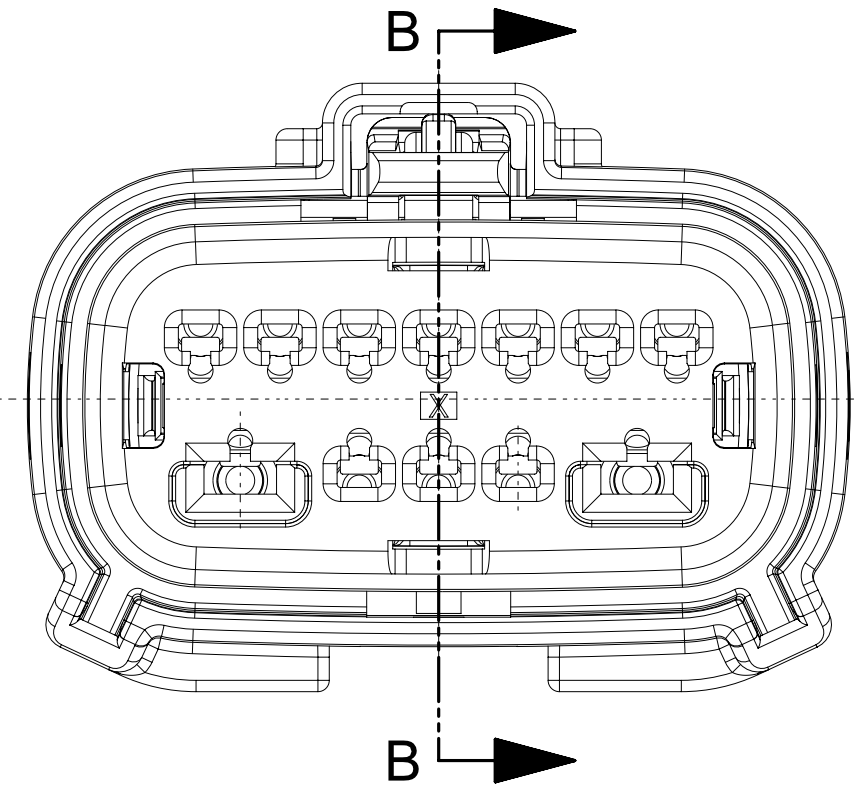
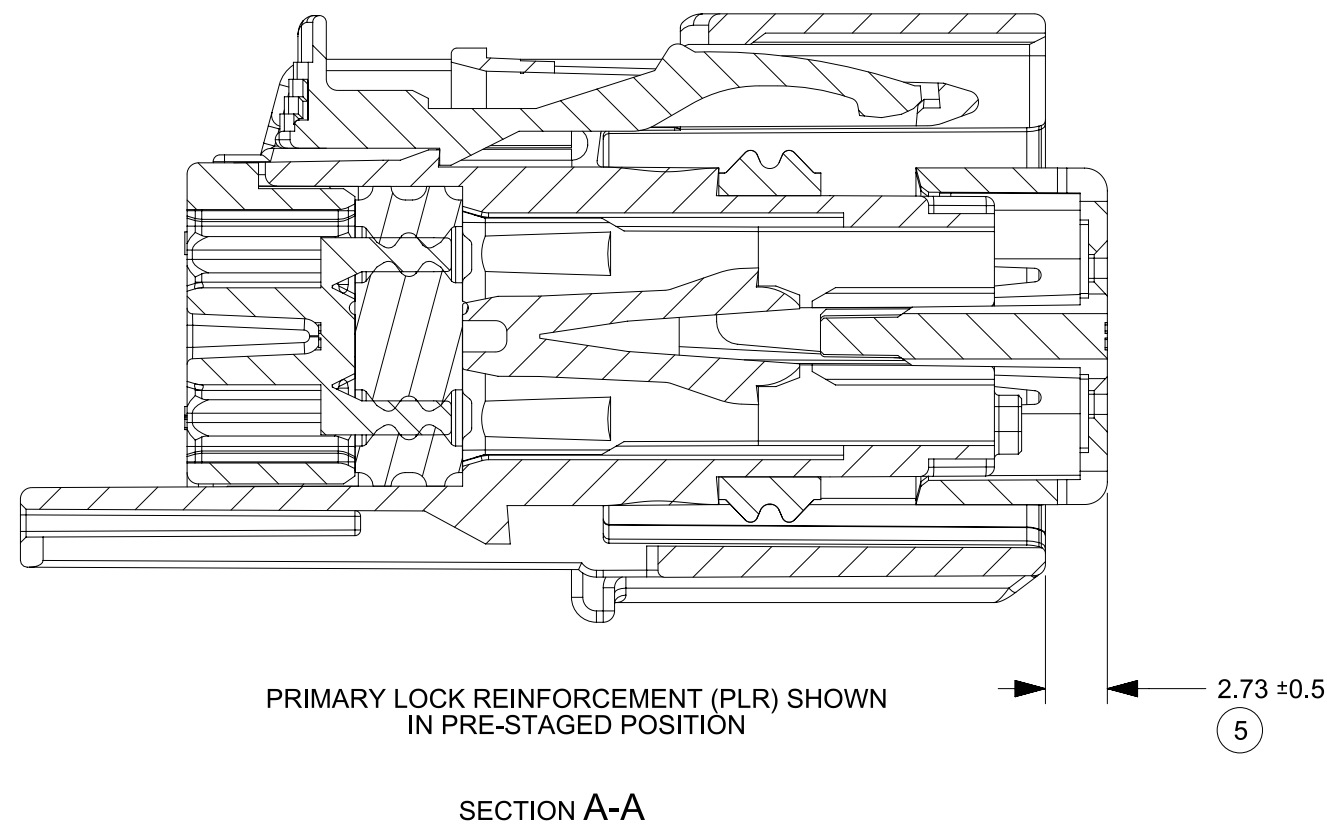
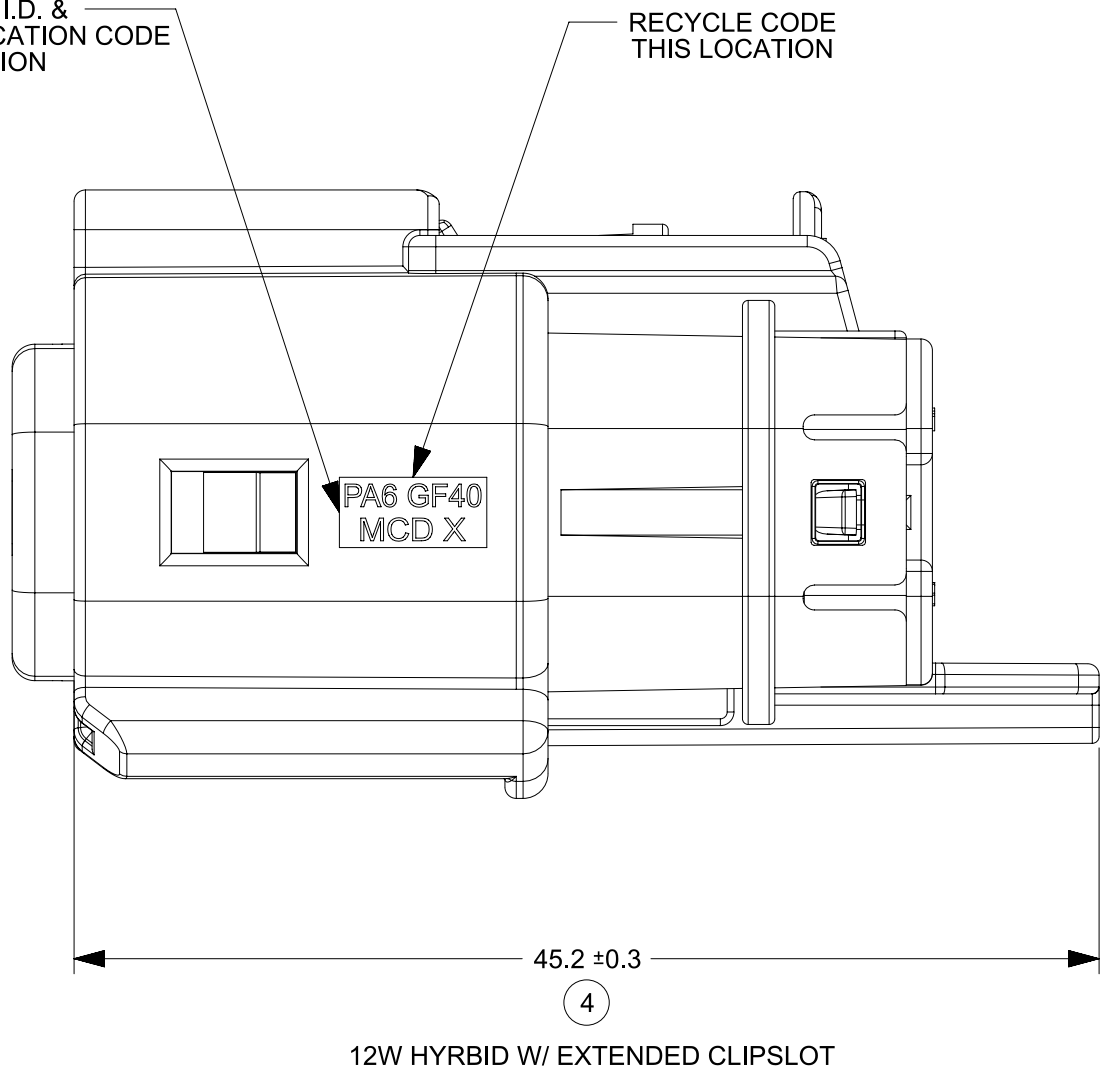
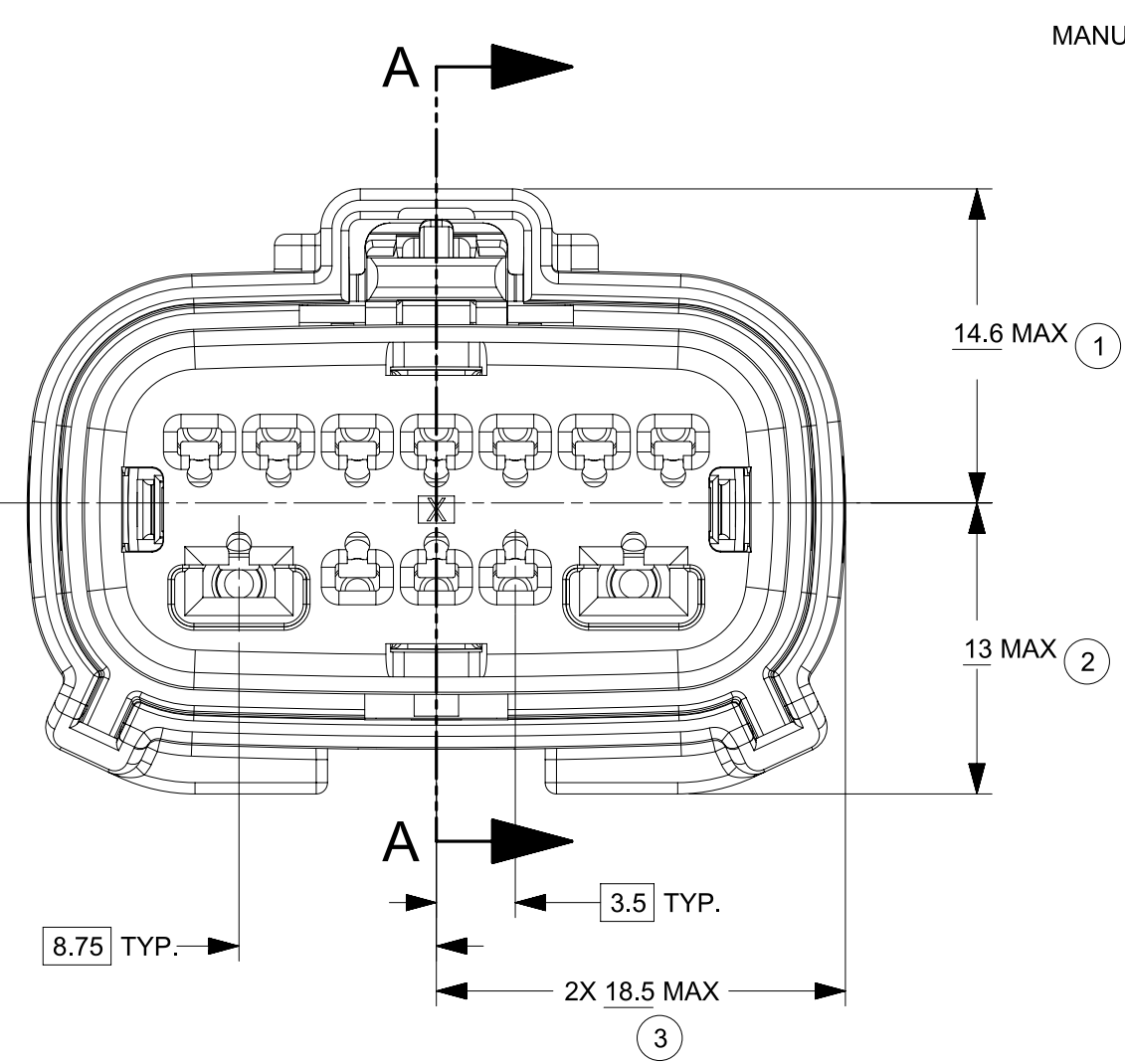
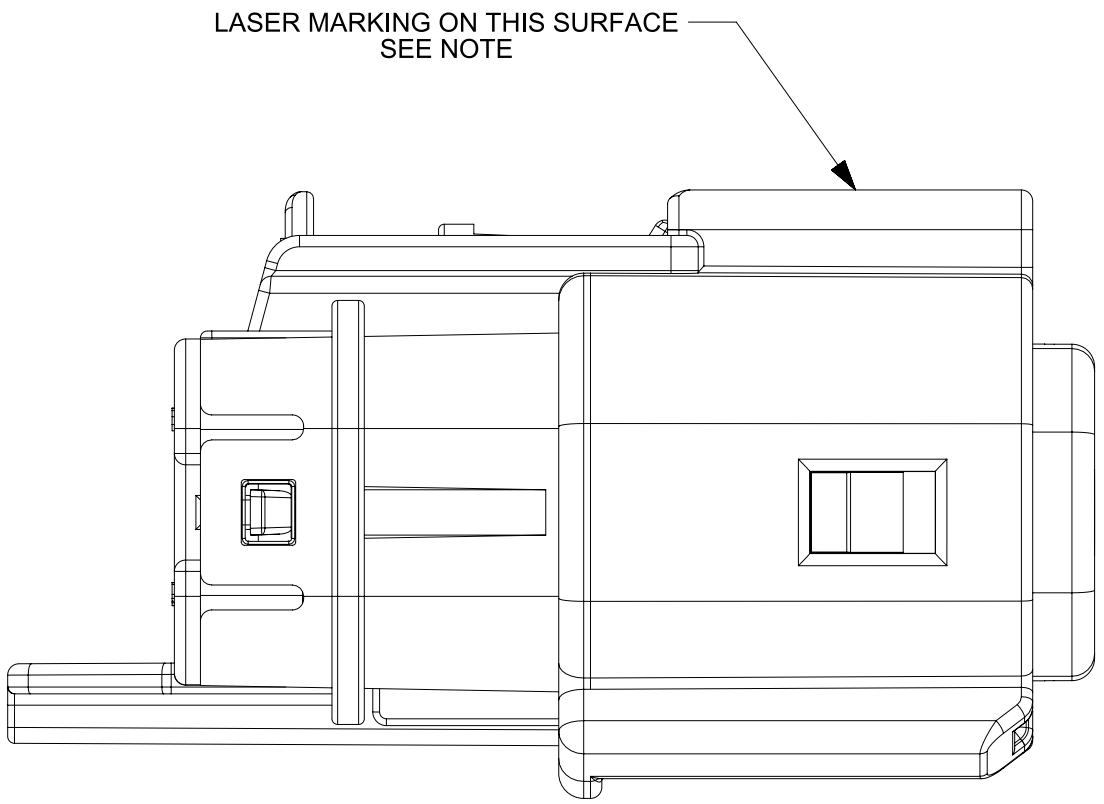


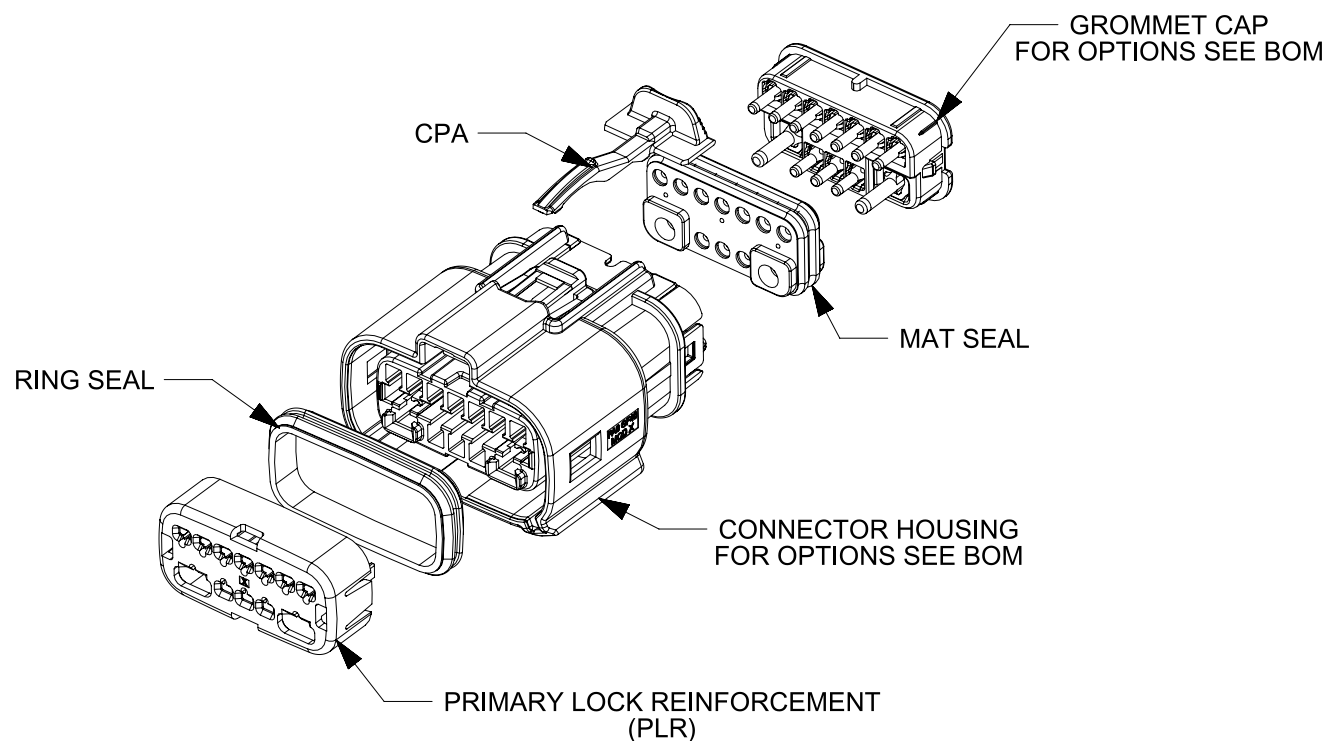
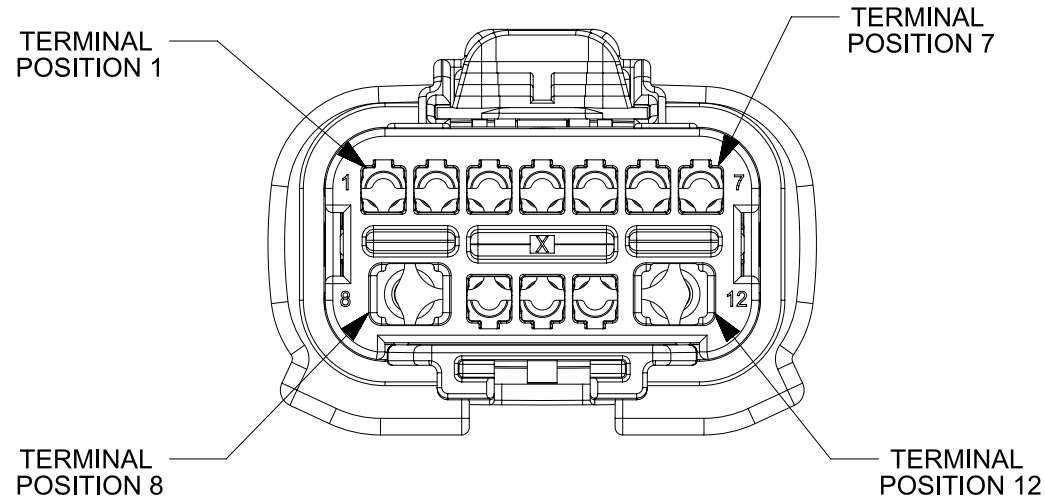
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SHEET DESCRIPTION
RECEPTACLE CONNECTOR ASSEMBLY



FUNCTIONAL SYMBOLS A = 0 E = 0 P = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										CURRENT REV DESC: SEE REVISION TABLE										molex MX150 HYBRID MAT SEAL RCPT CONN ASM																				
	DIMENSION UNITS					SCALE					STATUS: Production DRWN: Srikanth CV 2026-02-03 CHK'D: Chaitra D 2026-02-11 APPR: Gurunandan GA 2026-02-11																				DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION	
	mm					4:1																									1601110000					PSD		000		F5	
	GENERAL TOLERANCES (UNLESS SPECIFIED)										SEE NOTES										PRODUCT CUSTOMER DRAWING																				
	ANGULAR TOL ± 0.5°																																								
	4 PLACES					±																																			
	3 PLACES					±																																			
	2 PLACES					±																																			
	1 PLACES					±																																			
	0 PLACES					±																																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										THIRD ANGLE PROJECTION					DRAWING					SERIES					MATERIAL NUMBER					CUSTOMER					SHEET NUMBER						
															D-SIZE					160111					SEE TABLE					4 OF 7											

SHEET DESCRIPTION	
12W HYBRID CONNECTOR BOM	



ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK-ECLIP	HOUSING KEYING OPTION A W/ EXTENDED CLIP	BLACK	PA6 GF40
B-LG-ECLIP	HOUSING KEYING OPTION B W/ EXTENDED CLIP	LIGHT GRAY	PA6 GF40
C-DG-ECLIP	HOUSING KEYING OPTION C W/ EXTENDED CLIP	DARK GRAY	PA6 GF40
D-SG-ECLIP	HOUSING KEYING OPTION D W/ EXTENDED CLIP	STONE GRAY	PA6 GF40
A-Y-ECLIP	HOUSING KEYING OPTION A W/ EXTENDED CLIP	YELLOW	PA6 GF40
A-BLK	HOUSING KEYING OPTION A NON CLIPSLOT	BLACK	PA6 GF40
B-LG	HOUSING KEYING OPTION B NON CLIPSLOT	LIGHT GRAY	PA6 GF40
C-DG	HOUSING KEYING OPTION C NON CLIPSLOT	DARK GRAY	PA6 GF40
D-SG	HOUSING KEYING OPTION D NON CLIPSLOT	STONE GRAY	PA6 GF40
A-Y	HOUSING KEYING OPTION A NON CLIPSLOT	YELLOW	PA6 GF40
GCP-ECLIP	GROMMET CAP (PLUGGED) EXTENDED CLIPSLOT	BLACK	PA6 GF40
GCP	GROMMET CAP (PLUGGED) NON CLIPSLOT	BLACK	PA6 GF40
PLR	PLR	NATURAL	PA6 GF40
CPA	CPA	RED	PBT GF20
M	MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
R	RING SEAL	RUST RED	INHERENTLY LUBRICATED SILICONE

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS												STATUS	COMMENTS	OPTIONAL ATTATCHMENTS 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	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12					
KEY A, BLACK, W/O CPA	160111-6001	A-BLK	GCP	PLR		M	R												SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	160111-6002	B-LG	GCP	PLR		M	R												SALEABLE					
KEY C, DARK GRAY, W/O CPA	160111-6003	C-DG	GCP	PLR		M	R												SALEABLE					
KEY D, STONE GRAY, W/O CPA	160111-6004	D-SG	GCP	PLR		M	R												SALEABLE					
KEY A, YELLOW, W/O CPA	160111-6005	A-Y	GCP	PLR		M	R												OK TO TOOL					
KEY A, BLACK, W/ CPA	160111-6006	A-BLK	GCP	PLR	CPA	M	R												SALEABLE					
KEY B, LIGHT GRAY, W/ CPA	160111-6007	B-LG	GCP	PLR	CPA	M	R												SALEABLE					
KEY C, DARK GRAY, W/ CPA	160111-6008	C-DG	GCP	PLR	CPA	M	R												SALEABLE					
KEY D, STONE GRAY, W/ CPA	160111-6009	D-SG	GCP	PLR	CPA	M	R												SALEABLE					
KEY A, YELLOW, W/ CPA	160111-6010	A-Y	GCP	PLR	CPA	M	R												OK TO TOOL					
KEY A, BLACK, W/O CPA, W/ EX. CLIPSLOT	160111-6011	A-BLK-ECLIP	GCP-ECLIP	PLR		M	R												SALEABLE					
KEY B, LIGHT GRAY, W/O CPA, W/ EX. CLIPSLOT	160111-6012	B-LG-ECLIP	GCP-ECLIP	PLR		M	R												SALEABLE					
KEY C, DARK GRAY, W/O CPA, W/ EX. CLIPSLOT	160111-6013	C-DG-ECLIP	GCP-ECLIP	PLR		M	R												SALEABLE					
KEY D, STONE GRAY, W/O CPA, W/ EX. CLIPSLOT	160111-6014	D-SG-ECLIP	GCP-ECLIP	PLR		M	R												SALEABLE					
KEY A, YELLOW, W/O CPA, W/ EX. CLIPSLOT	160111-6015	A-Y-ECLIP	GCP-ECLIP	PLR		M	R												OK TO TOOL					
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6016	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R												SALEABLE					
KEY B, LIGHT GRAY, W/ CPA, W/ EX. CLIPSLOT	160111-6017	B-LG-ECLIP	GCP-ECLIP	PLR	CPA	M	R												SALEABLE					
KEY C, DARK GRAY, W/ CPA, W/ EX. CLIPSLOT	160111-6018	C-DG-ECLIP	GCP-ECLIP	PLR	CPA	M	R												SALEABLE					
KEY D, STONE GRAY, W/ CPA, W/ EX. CLIPSLOT	160111-6019	D-SG-ECLIP	GCP-ECLIP	PLR	CPA	M	R												SALEABLE					
KEY A, YELLOW, W/ CPA, W/ EX. CLIPSLOT	160111-6020	A-Y-ECLIP	GCP-ECLIP	PLR	CPA	M	R												OK TO TOOL					
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6021	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R				3	4	5	6	7		9	10	11	SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6022	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R	1	2	3	4	5	6	7	8		10			SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6023	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R	1			4	5	6	7	8					SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6024	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R	1	2	3	4	5			8		10			SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6025	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R	1			4	5			8					SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6026	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R	1	2	3							10			SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6027	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R	1												SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6028	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R		2	3	4	5	6	7	8		10			SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6029	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R				4	5	6	7	8					SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6030	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R		2	3	4	5			8		10			SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6031	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R				4	5			8					SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6032	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R		2	3							10			SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6033	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R	1	2	3	4	5	6	7	8		10			SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6034	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R							7	8	9	10	11	12	SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6035	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R							8			10	11	12	SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6036	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R	1	2	3	4	5	6	7		9			12	SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6037	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R							7		9			12	SALEABLE				
KEY A, BLACK, W/ CPA, W/ EX. CLIPSLOT	160111-6038	A-BLK-ECLIP	GCP-ECLIP	PLR	CPA	M	R												12	SALEABLE				
KEY A, BLACK, W/ CPA	160111-6039	A-BLK	GCP	PLR	CPA	M	R				3			7		9	10	11		SALEABLE				
KEY A, BLACK, W/ CPA	160111-6040	A-BLK	GCP	PLR	CPA	M	R							7		9	10			SALEABLE				
KEY A, BLACK, W/ CPA	160111-6041	A-BLK	GCP	PLR	CPA	M	R				4	5	6	7		9	10			SALEABLE				
KEY A, BLACK, W/ CPA	160111-6042	A-BLK	GCP	PLR	CPA	M	R				3	4	5	6	7		9	10	11		SALEABLE			
KEY A, BLACK, W/ CPA	160111-6043	A-BLK	GCP	PLR	CPA	M	R	1	2	3					7	8	9	10	11	12	SALEABLE			
KEY A, BLACK, W/ CPA	160111-6044	A-BLK	GCP	PLR	CPA	M	R	1	2						7	8	9	10		12	SALEABLE			
KEY A, BLACK, W/ CPA	160111-6045	A-BLK	GCP	PLR	CPA	M	R	1	2		4	5	6	7	8	9	10			12	SALEABLE			

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: SEE REVISION TABLE				molex MX150 HYBRID MAT SEAL RCPT CONN ASM									
= 0	mm	1:1															
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)																
= 0	ANGULAR TOL ± 0.5°																
4 PLACES		±	SEE NOTES														
3 PLACES		±															
2 PLACES		±															
1 PLACE		±															
DIVISIONAL SYMBOLS		0 PLACES		STATUS: Production		DRWN: Srikanth CV		2026-02-03		DOCUMENT NUMBER		DOCT TYPE		DOCT PART		REVISION	
				CHK'D: Chaitra D		2026-02-11		2026-02-11		1601110000		PSD		000		F5	
				APPR: Gurunandan GA													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
						D-SIZE		160111		SEE TABLE						5 OF 7	
										1601110000		PSD		000		F5	
										PRODUCT CUSTOMER DRAWING							
										DOCT TYPE		DOCT PART		REVISION			

