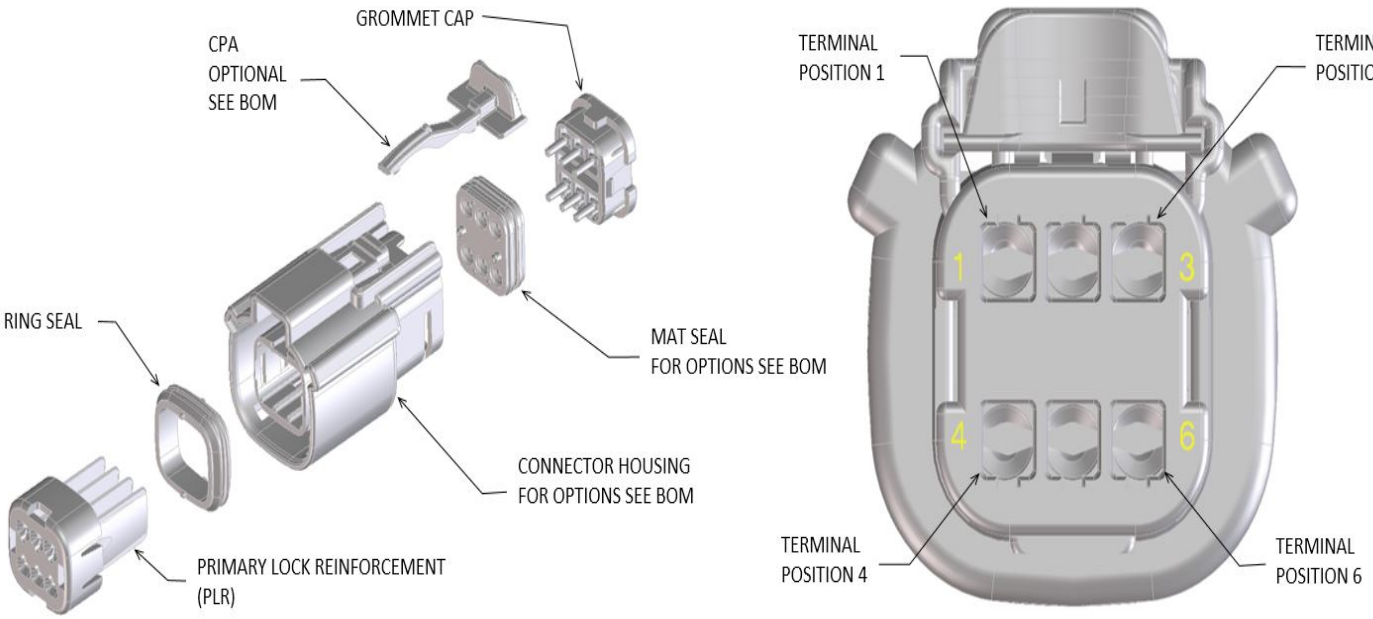




ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLACK	HOUSING, KEYING OPTION A	BLACK	SPS/NYLON GF20
B-LIGHT GRAY	HOUSING, KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
C-BROWN	HOUSING, KEYING OPTION C	BROWN	SPS/NYLON GF20
D-GREEN	HOUSING, KEYING OPTION D	GREEN	SPS/NYLON GF20
C-DARK GRAY	HOUSING, KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
D-STONE GRAY	HOUSING, KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
A-YELLOW	HOUSING, KEYING OPTION A	YELLOW	SPS/NYLON GF20
A-BLACK-CLIP	HOUSING, KEYING OPTION A WITH CLIPSLOT	BLACK	SPS/NYLON GF20
B-LIGHT GRAY-CLIP	HOUSING, KEYING OPTION B WITH CLIPSLOT	LIGHT GRAY	SPS/NYLON GF20
C-BROWN-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	BROWN	SPS/NYLON GF20
D-GREEN-CLIP	HOUSING, KEYING OPTION D WITH CLIPSLOT	GREEN	SPS/NYLON GF20
C-DARK GRAY-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	DARK GRAY	SPS/NYLON GF20
D-STONE GRAY-CLIP	HOUSING, KEYING OPTION D WITH CLIPSLOT	STONE GRAY	SPS/NYLON GF20
A-YELLOW-CLIP	HOUSING, KEYING OPTION A WITH CLIPSLOT	YELLOW	SPS/NYLON GF20
GCO	GROMMET CAP (OPEN)	BLACK	SPS/NYLON GF20
GCP	GROMMET CAP (PLUGGED)	BLACK	SPS/NYLON GF20
PLR	PLR	NATURAL	SPS/NYLON GF20
CPA	CPA	RED	PBT GF30
M	MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
R	RING SEAL	RUST RED	INHERENTLY LUBRICATED SILICONE

FOR ADDITIONAL INFORMATION SEE SD-33472-0001

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS			STATUS	COMMENT	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	CPA	MAT SEAL	RING SEAL									
MX150 ASSY RCP 2X3 BK A/6	334720601	A-BLACK	GCO	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 LG B/6	334720602	B-LIGHT GRAY	GCO	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 BR C/6	334720603	C-BROWN	GCO	PLR		M	R	-	-	-	NOT RECOMMENDED	SEE 334720668	34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 GR D/6	334720604	D-GREEN	GCO	PLR		M	R	-	-	-	NOT RECOMMENDED	SEE 334720669	34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 CPA BK A/6	334720606	A-BLACK	GCO	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 CPA LG B/6	334720607	B-LIGHT GRAY	GCO	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 CPA BR C/6	334720608	C-BROWN	GCO	PLR	CPA	M	R	-	-	-	NOT RECOMMENDED	SEE 334720670	34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 CPA GR D/6	334720609	D-GREEN	GCO	PLR	CPA	M	R	-	-	-	NOT RECOMMENDED	SEE 334720671	34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 BK A/5	334720611	A-BLACK	GCP	PLR		M	R	-	-	3	SALEABLE		34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 LG B/5	334720612	B-LIGHT GRAY	GCP	PLR		M	R	-	-	3	SALEABLE		34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 BR C/5	334720613	C-BROWN	GCP	PLR		M	R	-	-	3	NOT RECOMMENDED		34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 GR D/5	334720614	D-GREEN	GCP	PLR		M	R	-	-	3	NOT RECOMMENDED		34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 CPA BK A/5	334720616	A-BLACK	GCP	PLR	CPA	M	R	-	-	3	SALEABLE		34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 CPA LG B/5	334720617	B-LIGHT GRAY	GCP	PLR	CPA	M	R	-	-	3	SALEABLE		34951-0610	34951-0620		
								-	-	-						
MX150 ASSY RCP 2X3 CPA BR C/5	334720618	C-BROWN	GCP	PLR	CPA	M	R	-	-	3	NOT RECOMMENDED		34951-0610	34951-0620		
								-	-	-						

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DATE 08/16/2022

DOCUMENT NO. 334720602

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Page 1 of 6

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS			STATUS	COMMENT	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	CPA	MAT SEAL	RING SEAL							
MX150 ASSY RCP 2X3 CPA GR D/5	334720619	D-GREEN	GCP	PLR	CPA	M	R	-	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 BK A/4	334720621	A-BLACK	GCP	PLR		M	R	-	-	3	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 LG B/4	334720622	B-LIGHT GRAY	GCP	PLR		M	R	-	-	3	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 BR C/4	334720623	C-BROWN	GCP	PLR		M	R	-	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 GR D/4	334720624	D-GREEN	GCP	PLR		M	R	-	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA BK A/4	334720626	A-BLACK	GCP	PLR	CPA	M	R	-	-	3	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA LG B/4	334720627	B-LIGHT GRAY	GCP	PLR	CPA	M	R	-	-	3	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA BR C/4	334720628	C-BROWN	GCP	PLR	CPA	M	R	-	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA GR D/4	334720629	D-GREEN	GCP	PLR	CPA	M	R	-	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 BK A/0	334720636	A-BLACK	GCP	PLR		M	R	1	2	3	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 LG B/0	334720637	B-LIGHT GRAY	GCP	PLR		M	R	1	2	3	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 BR C/0	334720638	C-BROWN	GCP	PLR		M	R	1	2	3	NOT RECOMMENDED	SEE 334720749	34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 GR D/0	334720639	D-GREEN	GCP	PLR		M	R	1	2	3	NOT RECOMMENDED	SEE 334720750	34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 BK A/2	334720641	A-BLACK	GCP	PLR		M	R	-	2	3	SALEABLE		34951-0610	34951-0620
								4	5	-				
MX150 ASSY RCP 2X3 BK A/5	334720642	A-BLACK	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA BK A/3	334720643	A-BLACK	GCP	PLR	CPA	M	R	1	-	3	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA LG B/3	334720644	B-LIGHT GRAY	GCP	PLR	CPA	M	R	1	-	3	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA BR C/3	334720645	C-BROWN	GCP	PLR	CPA	M	R	1	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA GR D/3	334720646	D-GREEN	GCP	PLR	CPA	M	R	1	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 BK A/2	334720648	A-BLACK	GCP	PLR		M	R	1	-	3	SALEABLE		34951-0610	34951-0620
								4	-	6				
MX150 ASSY RCP 2X3 LG B/2	334720649	B-LIGHT GRAY	GCP	PLR		M	R	1	-	3	SALEABLE		34951-0610	34951-0620
								4	-	6				
MX150 ASSY RCP 2X3 BR C/2	334720650	C-BROWN	GCP	PLR		M	R	1	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								4	-	6				
MX150 ASSY RCP 2X3 GR D/2	334720651	D-GREEN	GCP	PLR		M	R	1	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								4	-	6				
MX150 ASSY RCP 2X3 CPA BK A/2	334720653	A-BLACK	GCP	PLR	CPA	M	R	1	-	3	SALEABLE		34951-0610	34951-0620
								4	-	6				
MX150 ASSY RCP 2X3 CPA LG B/2	334720654	B-LIGHT GRAY	GCP	PLR	CPA	M	R	1	-	3	SALEABLE		34951-0610	34951-0620
								4	-	6				
MX150 ASSY RCP 2X3 CPA BR C/2	334720655	C-BROWN	GCP	PLR	CPA	M	R	1	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								4	-	6				
MX150 ASSY RCP 2X3 CPA GR D/2	334720656	D-GREEN	GCP	PLR	CPA	M	R	1	-	3	NOT RECOMMENDED		34951-0610	34951-0620
								4	-	6				



MX150 RECEPTACLE 2X3 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS			STATUS	COMMENT	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	CPA	MAT SEAL	RING SEAL							
MX150 ASSY RCP 2X3 BK A/5	334720658	A-BLACK	GCP	PLR		M	R	-	-	3	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 BK A/3	334720659	A-BLACK	GCP	PLR		M	R	-	-	3	SALEABLE		34951-0610	34951-0620
								-	5	6				
MX150 ASSY RCP 2X3 CPA BK A/0	334720660	A-BLACK	GCP	PLR	CPA	M	R	1	2	3	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 BK A/5	334720661	A-BLACK	GCP	PLR		M	R	-	2	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 BK A/4	334720662	A-BLACK	GCP	PLR		M	R	-	2	-	SALEABLE		34951-0610	34951-0620
								-	5	-				
MX150 ASSY RCP 2X3 BK A/4	334720663	A-BLACK	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	5	6				
MX150 ASSY RCP 2X3 BK A/3	334720664	A-BLACK	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 BK A/5	334720665	A-BLACK	GCP	PLR		M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 BK A/3	334720666	A-BLACK	GCP	PLR		M	R	-	2	-	SALEABLE		34951-0610	34951-0620
								-	5	6				
MX150 ASSY RCP 2X3 BK A/2	334720667	A-BLACK	GCP	PLR		M	R	1	-	3	SALEABLE		34951-0610	34951-0620
								-	5	6				
MX150 ASSY RCP 2X3 DG C/6	334720668	C-DARK GRAY	GCO	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 SG D/6	334720669	D-STONE GRAY	GCO	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 CPA DG C/6	334720670	C-DARK GRAY	GCO	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 CPA SG D/6	334720671	D-STONE GRAY	GCO	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 LG B/5	334720672	B-LIGHT GRAY	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	5	-				
MX150 ASSY RCP 2X3 BK A/5	334720673	A-BLACK	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	-	6				
MX150 ASSY RCP 2X3 CPA BK A/4	334720674	A-BLACK	GCP	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	5	6				
MX150 ASSY RCP 2X3 CPA BK A/5	334720675	A-BLACK	GCP	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	-	6				
MX150 ASSY RCP 2X3 CPA LG B/4	334720676	B-LIGHT GRAY	GCP	PLR	CPA	M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	5	-				
MX150 ASSY RCP 2X3 LG B/4	334720677	B-LIGHT GRAY	GCP	PLR		M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	5	-				
MX150 ASSY RCP 2X3 LG B/4	334720678	B-LIGHT GRAY	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	5	6				
MX150 ASSY RCP 2X3 CPA BK A/3	334720679	A-BLACK	GCP	PLR	CPA	M	R	1	2	3	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 BK A/3	334720680	A-BLACK	GCP	PLR		M	R	1	2	3	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 CPA BK A/5	334720681	A-BLACK	GCP	PLR	CPA	M	R	-	2	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 CPA YW A/6	334720682	A-YELLOW	GCO	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 BK A/2	334720683	A-BLACK	GCP	PLR		M	R	-	-	3	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 CPA BK A/4	334720684	A-BLACK	GCP	PLR	CPA	M	R	-	2	3	SALEABLE		34951-0610	34951-0620
								-	-	-				



MX150 RECEPTACLE 2X3 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS			STATUS	COMMENT	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	CPA	MAT SEAL	RING SEAL							
MX150 ASSY RCP 2X3 CPA LG B/0	334720685	B-LIGHT GRAY	GCP	PLR	CPA	M	R	1	2	3	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 CPA LG B/4	334720686	B-LIGHT GRAY	GCP	PLR	CPA	M	R	-	2	3	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 BK A/3	334720687	A-BLACK	GCP	PLR		M	R	1	-	3	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA BK A/3	334720688	A-BLACK	GCP	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 CPA BK A/5	334720689	A-BLACK	GCP	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA LG B/5	334720690	B-LIGHT GRAY	GCP	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA BK A/3	334720691	A-BLACK	GCP	PLR	CPA	M	R	1	-	3	SALEABLE		34951-0610	34951-0620
								-	5	-				
MX150 ASSY RCP 2X3 CPA BK A/3	334720692	A-BLACK	GCP	PLR	CPA	M	R	-	2	-	SALEABLE		34951-0610	34951-0620
								4	-	6				
MX150 ASSY RCP 2X3 CS BK A/6	334720701	A-BLACK-CLIP	GCO	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS LG B/6	334720702	B-LIGHT GRAY-CLIP	GCO	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS BR C/6	334720703	C-BROWN-CLIP	GCO	PLR		M	R	-	-	-	NOT RECOMMENDED	SEE 334720714	N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS GR D/6	334720704	D-GREEN-CLIP	GCO	PLR		M	R	-	-	-	NOT RECOMMENDED	SEE 334720715	N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS CPA BK A/6	334720705	A-BLACK-CLIP	GCO	PLR	CPA	M	R	-	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS CPA LG B/6	334720706	B-LIGHT GRAY-CLIP	GCO	PLR	CPA	M	R	-	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS CPA BR C/6	334720707	C-BROWN-CLIP	GCO	PLR	CPA	M	R	-	-	-	NOT RECOMMENDED	SEE 334720716	N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS CPA GR D/6	334720708	D-GREEN-CLIP	GCO	PLR	CPA	M	R	-	-	-	NOT RECOMMENDED	SEE 334720717	N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS BK A/5	334720709	A-BLACK-CLIP	GCP	PLR		M	R	-	-	3	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS BK A/2	334720710	A-BLACK-CLIP	GCP	PLR		M	R	-	2	3	SALEABLE		N/A	N/A
								4	5	-				
MX150 ASSY RCP 2X3 CS BK A/4	334720711	A-BLACK-CLIP	GCP	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								-	5	6				
MX150 ASSY RCP 2X3 CS BK A/4	334720712	A-BLACK-CLIP	GCP	PLR		M	R	-	-	3	SALEABLE		N/A	N/A
								4	-	-				
MX150 ASSY RCP 2X3 CS LG B/4	334720713	B-LIGHT GRAY-CLIP	GCP	PLR		M	R	1	-	-	SALEABLE		N/A	N/A
								-	5	-				
MX150 ASSY RCP 2X3 CS DG C/6	334720714	C-DARK GRAY-CLIP	GCO	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS SG D/6	334720715	D-STONE GRAY-CLIP	GCO	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS CPA DG C/6	334720716	C-DARK GRAY-CLIP	GCO	PLR	CPA	M	R	-	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS CPA SG D/6	334720717	D-STONE GRAY-CLIP	GCO	PLR	CPA	M	R	-	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS BK A/4	334720718	A-BLACK-CLIP	GCP	PLR		M	R	-	-	3	SALEABLE		N/A	N/A
								-	-	6				
MX150 ASSY RCP 2X3 CS CPA LG B/4	334720719	B-LIGHT GRAY-CLIP	GCP	PLR	CPA	M	R	1	-	-	SALEABLE		N/A	N/A
								-	5	-				



MX150 RECEPTACLE 2X3 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS			STATUS	COMMENT	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	CPA	MAT SEAL	RING SEAL							
MX150 ASSY RCP 2X3 CS LG B/5	334720720	B-LIGHT GRAY-CLIP	GCP	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								-	5	-				
MX150 ASSY RCP 2X3 CS DG C/5	334720721	C-DARK GRAY-CLIP	GCP	PLR		M	R	-	-	3	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS BK A/3	334720722	A-BLACK-CLIP	GCP	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								4	5	6				
MX150 ASSY RCP 2X3 CS BK A/2	334720723	A-BLACK-CLIP	GCP	PLR		M	R	-	2	3	SALEABLE		N/A	N/A
								-	5	6				
MX150 ASSY RCP 2X3 CS BK A/4	334720724	A-BLACK-CLIP	GCP	PLR		M	R	-	2	-	SALEABLE		N/A	N/A
								-	-	6				
MX150 ASSY RCP 2X3 CS BK A/3	334720725	A-BLACK-CLIP	GCP	PLR		M	R	-	-	3	SALEABLE		N/A	N/A
								-	5	6				
MX150 ASSY RCP 2X3 CS BK A/5	334720726	A-BLACK-CLIP	GCP	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								-	-	6				
MX150 ASSY RCP 2X3 CS BK A/1	334720727	A-BLACK-CLIP	GCP	PLR		M	R	-	2	3	SALEABLE		N/A	N/A
								4	5	6				
MX150 ASSY RCP 2X3 CS BK A/4	334720728	A-BLACK-CLIP	GCP	PLR		M	R	1	-	-	SALEABLE		N/A	N/A
								-	-	6				
MX150 ASSY RCP 2X3 CS BK A/0	334720729	A-BLACK-CLIP	GCP	PLR		M	R	1	2	3	SALEABLE		N/A	N/A
								4	5	6				
MX150 ASSY RCP 2X3 CS BK A/5	334720730	A-BLACK-CLIP	GCP	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								4	-	-				
MX150 ASSY RCP 2X3 CS BK A/4	334720731	A-BLACK-CLIP	GCP	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								4	-	6				
MX150 ASSY RCP 2X3 CS LG B/3	334720732	B-LIGHT GRAY-CLIP	GCP	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								4	5	6				
MX150 ASSY RCP 2X3 CPA BK A/4	334720733	A-BLACK	GCP	PLR	CPA	M	R	-	2	-	SALEABLE		34951-0610	34951-0620
								-	5	-				
MX150 ASSY RCP 2X3 CS BK A/5	334720734	A-BLACK-CLIP	GCP	PLR		M	R	-	-	-	SALEABLE		N/A	N/A
								-	5	-				
MX150 ASSY RCP 2X3 BK A/5	334720735	A-BLACK	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	5	-				
MX150 ASSY RCP 2X3 LG B/3	334720736	B-LIGHT GRAY	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 CPA BK A/5	334720737	A-BLACK	GCP	PLR	CPA	M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 CPA LG B/5	334720738	B-LIGHT GRAY	GCP	PLR	CPA	M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 CS CPA BK A/2	334720739	A-BLACK-CLIP	GCP	PLR	CPA	M	R	1	2	-	SALEABLE		N/A	N/A
								-	5	6				
MX150 ASSY RCP 2X3 CS CPA BK A/2	334720740	A-BLACK-CLIP	GCP	PLR	CPA	M	R	-	2	3	SALEABLE		N/A	N/A
								4	5	-				
MX150 ASSY RCP 2X3 BK A/4	334720741	A-BLACK	GCP	PLR		M	R	-	-	3	SALEABLE		34951-0610	34951-0620
								-	-	6				
MX150 ASSY RCP 2X3 BK A/3	334720742	A-BLACK	GCP	PLR		M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	5	6				
MX150 ASSY RCP 2X3 LG B/3	334720743	B-LIGHT GRAY	GCP	PLR		M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	5	6				
MX150 ASSY RCP 2X3 CS CPA BK A/5	334720744	A-BLACK-CLIP	GCP	PLR	CPA	M	R	-	-	3	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS BK A/4	334720745	A-BLACK-CLIP	GCP	PLR		M	R	1	-	-	SALEABLE		N/A	N/A
								4	-	-				
MX150 ASSY RCP 2X3 CPA LG B/3	334720746	B-LIGHT GRAY	GCP	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								4	5	6				

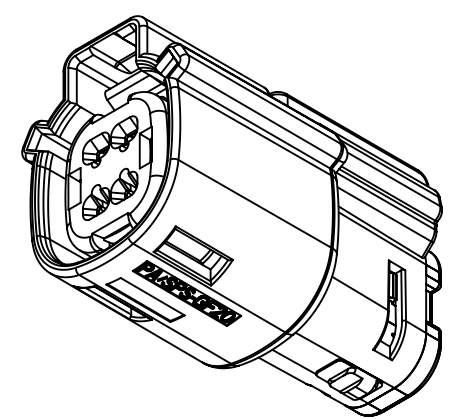


MX150 RECEPTACLE 2X3 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

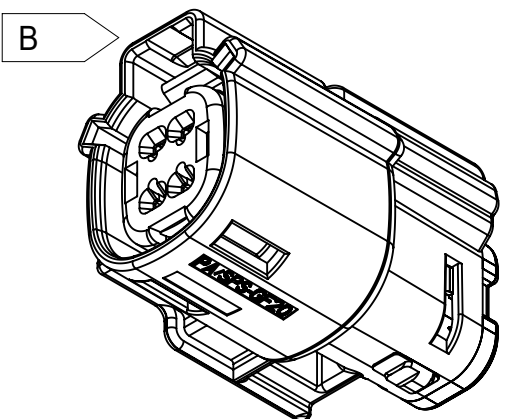
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS			STATUS	COMMENT	OPTIONAL ATTACHMENTS SOLD SEPARATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION					BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL							
MX150 ASSY RCP 2X3 CPA BK A/2	334720747	A-BLACK	GCP	PLR	CPA	M	R	-	2	3	SALEABLE		34951-0610	34951-0620
								4	5	-				
MX150 ASSY RCP 2X3 DG C/5	334720748	C-DARK GRAY	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	-	6				
MX150 ASSY RCP 2X3 DG C/0	334720749	C-DARK GRAY	GCP	PLR		M	R	1	2	3	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 SG D/0	334720750	D-STONE GRAY	GCP	PLR		M	R	1	2	3	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 BK A/4	334720751	A-BLACK	GCP	PLR		M	R	-	2	3	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 CS CPA BK A/3	334720752	A-BLACK-CLIP	GCP	PLR	CPA	M	R	1	-	-	SALEABLE		N/A	N/A
								-	5	6				
MX150 ASSY RCP 2X3 CS CPA BK A/5	334720753	A-BLACK-CLIP	GCP	PLR	CPA	M	R	-	-	-	SALEABLE		N/A	N/A
								-	-	6				
MX150 ASSY RCP 2X3 CPA BK A/5	334720754	A-BLACK	GCP	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	5	-				
MX150 ASSY RCP 2X3 CS CPA BK A/4	334720755	A-BLACK-CLIP	GCP	PLR	CPA	M	R	-	-	-	SALEABLE		N/A	N/A
								-	5	6				
MX150 ASSY RCP 2X3 CPA BK A/2	334720756	A-BLACK	GCP	PLR	CPA	M	R	1	2	3	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 LG B/5	334720757	B-LIGHT GRAY	GCP	PLR		M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 CS BK A/3	334727001	A-BLACK-CLIP	GCP	PLR		M	R	-	-	3	SALEABLE		N/A	N/A
								4	-	6				
MX150 ASSY RCP 2X3 CPA LG B/3	334727002	B-LIGHT GRAY	GCP	PLR	CPA	M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	5	6				
MX150 ASSY RCP 2X3 DG C/5	334727003	C-DARK GRAY	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	5	-				
MX150 ASSY RCP 2X3 LG B/5	334727004	B-LIGHT GRAY	GCP	PLR		M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	-	6				
MX150 ASSY RCP 2X3 CPA SG D/5	334727005	D-STONE GRAY	GCP	PLR	CPA	M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 CS SG D/5	334727006	D-STONE GRAY-CLIP	GCP	PLR		M	R	1	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS CPA SG D/5	334727007	D-STONE GRAY-CLIP	GCP	PLR	CPA	M	R	1	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CS CPA DG C/5	334727008	C-DARK GRAY-CLIP	GCP	PLR	CPA	M	R	1	-	-	SALEABLE		N/A	N/A
								-	-	-				
MX150 ASSY RCP 2X3 CPA DG C/5	334727009	C-DARK GRAY	GCP	PLR	CPA	M	R	1	-	-	SALEABLE		34951-0610	34951-0620
								-	-	-				
MX150 ASSY RCP 2X3 CS BK A/3	334727010	A-BLACK-CLIP	GCP	PLR		M	R	-	2	-	SALEABLE		N/A	N/A
								-	5	6				
MX150 ASSY RCP 2X3 CPA YW A/2	334727011	A-YELLOW	GCP	PLR	CPA	M	R	1	2	3	SALEABLE		34951-0610	34951-0620
								4	-	-				
MX150 ASSY RCP 2X3 CPA DG C/2	334727012	C-DARK GRAY	GCP	PLR	CPA	M	R	-	-	3	SALEABLE		34951-0610	34951-0620
								4	5	6				
MX150 ASSY RCP 2X3 CPA LG B/4	334727013	B-LIGHT GRAY	GCP	PLR	CPA	M	R	-	-	-	SALEABLE		34951-0610	34951-0620
								-	5	6				

SHEET DESCRIPTION

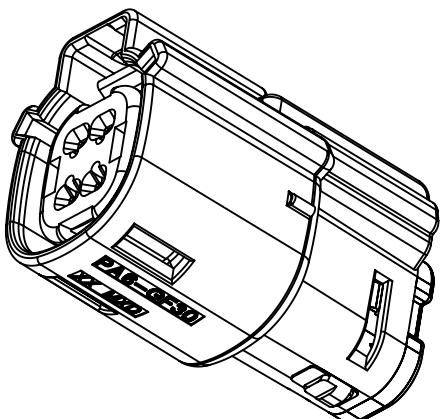
CONFIGURATIONS



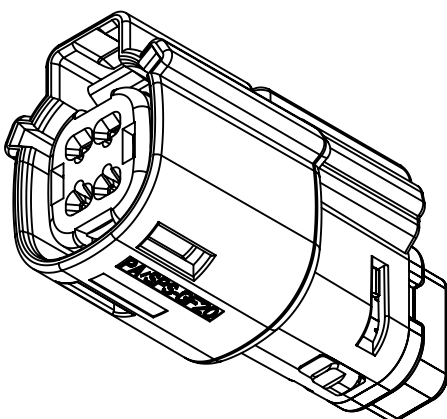
2X2 - STD.
2X2 - TRNS. - SILICONE FREE †



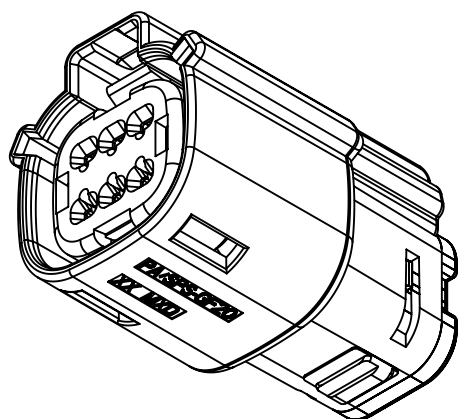
2X2 - STD. - WITH CLIPSLOT *



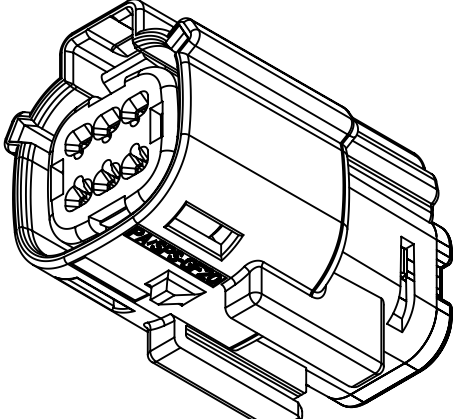
† 2X2 - UL V0



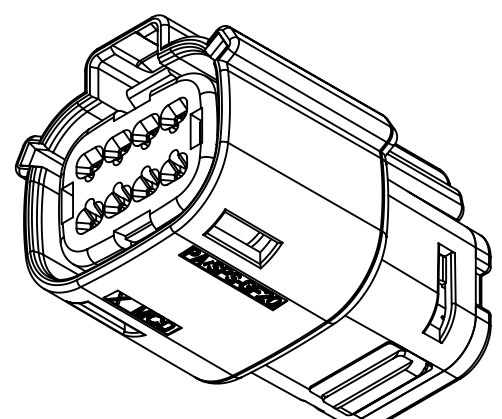
2X2 - STD. - LENGTHENED



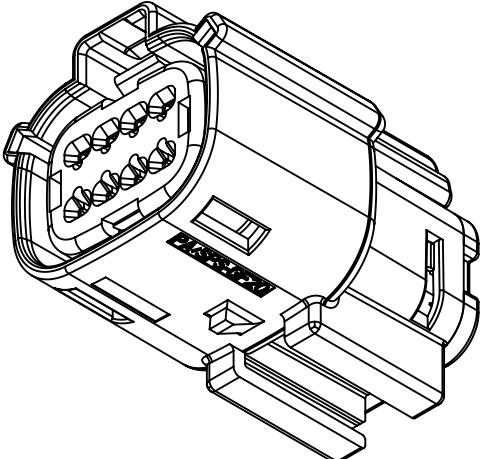
2X3 - STD.
2X3 - TRNS. - CONTAINS SILICONE †



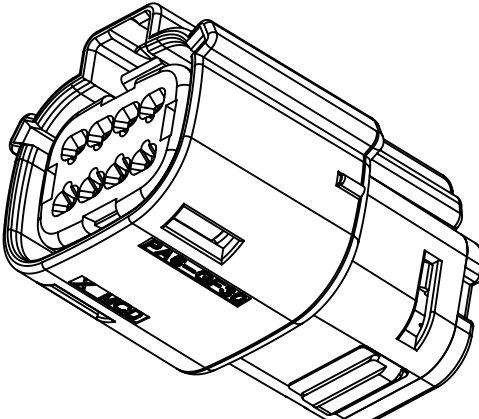
2X3 - STD. - WITH CLIPSLOT *



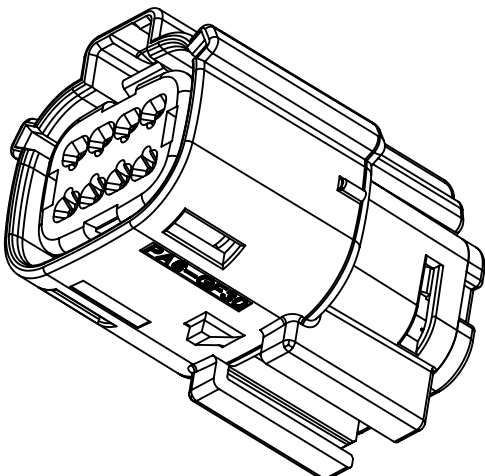
2X4 - STD.



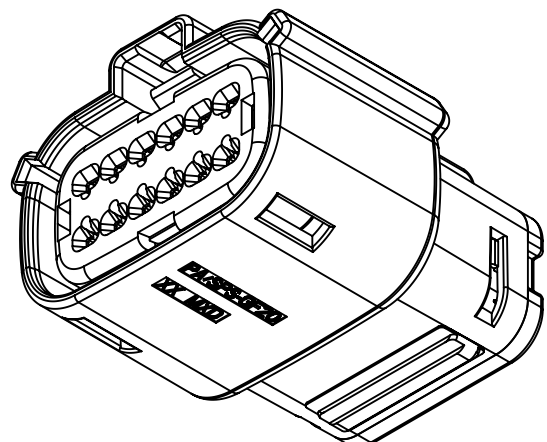
2X4 - STD. - WITH CLIPSLOT *



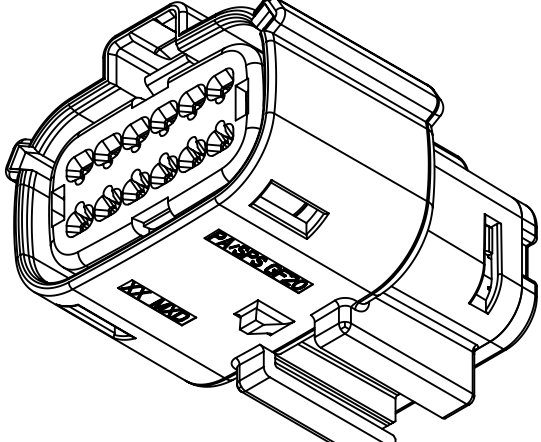
† 2X4 - UL V0



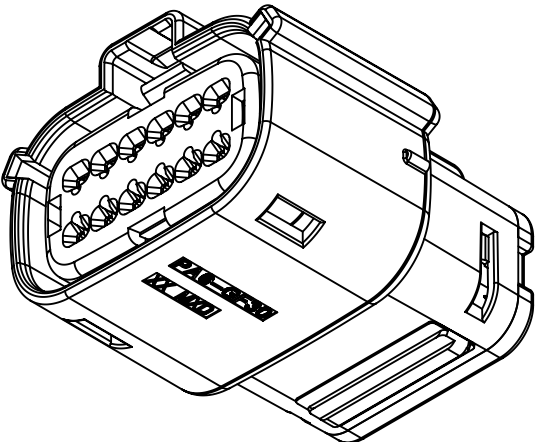
† 2X4 - UL V0-WITH CLIPSLOT*



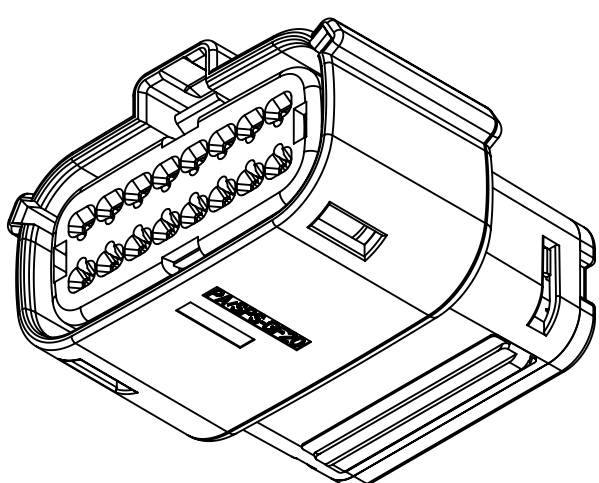
2X6 - STD.
C1 † 2X6 - TRNS.



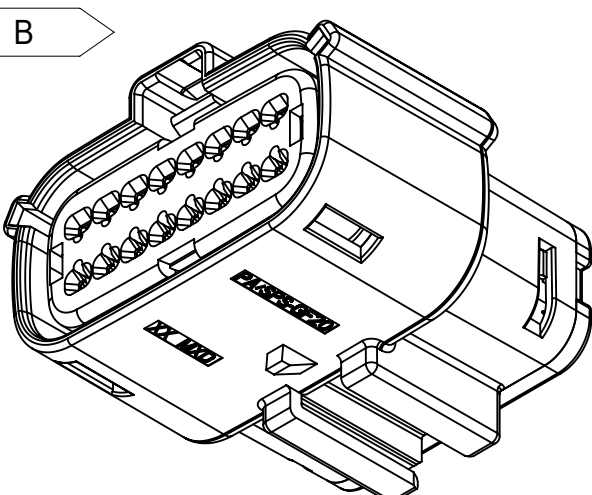
2X6 - STD. - WITH CLIPSLOT *
C1 † 2X6 - TRNS. - WITH CLIPSLOT *



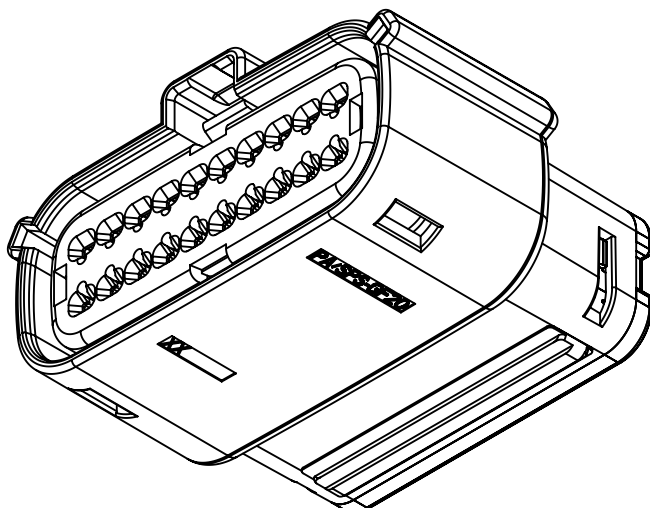
† 2X6 - UL V0



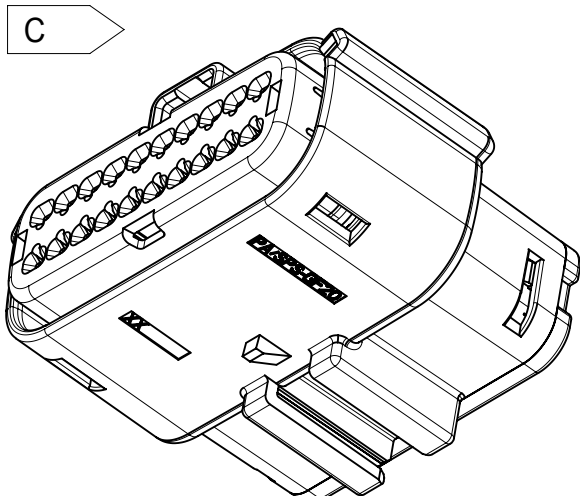
2X8 - STD.



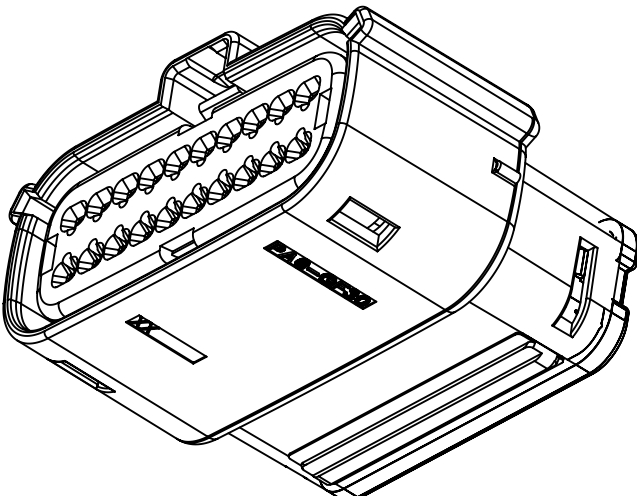
2X8 - STD. - WITH CLIPSLOT *



2X10 - STD.



2X10 - STD. - WITH CLIPSLOT *



† 2X10 - UL V0

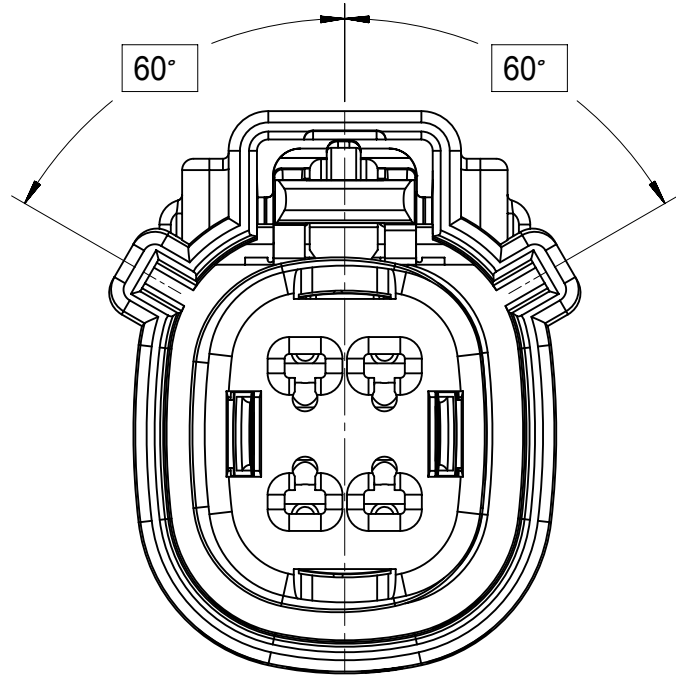
* WITH CLIPSLOT CONFIGURATION DOES NOT
MEET THE USCAR PACKAGING FRAME REQUIREMENTS
† MINOR GEOMETRY DIFFERENCE THAN STANDARD CONFIGURATION
SEE NOTES 1a & 2a-b FOR MORE INFORMATION

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:			molex		
	mm		1:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 171650 DRWN: DDEB 2018/01/19 CHK'D: MVANSLAMBROU 2018/02/16 APPR: MVANSLAMBROU 2018/02/16 INITIAL REVISION: DRWN: APROFFITT 2014/05/14 APPR: VKOSHY 2014/06/27			MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL				
	ANGULAR TOL ± 1.0 °									
	4 PLACES ±					PRODUCT CUSTOMER DRAWING				
	3 PLACES ±									
	2 PLACES ± 0.1					DOCUMENT NUMBER SD-33472-0001			DOC TYPE PSD	DOC PART 001
	1 PLACE ± 0.2		MATERIAL NUMBER A1-SIZE						CUSTOMER GENERAL MARKET	
	0 PLACES ±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A1-SIZE		SERIES 33472				

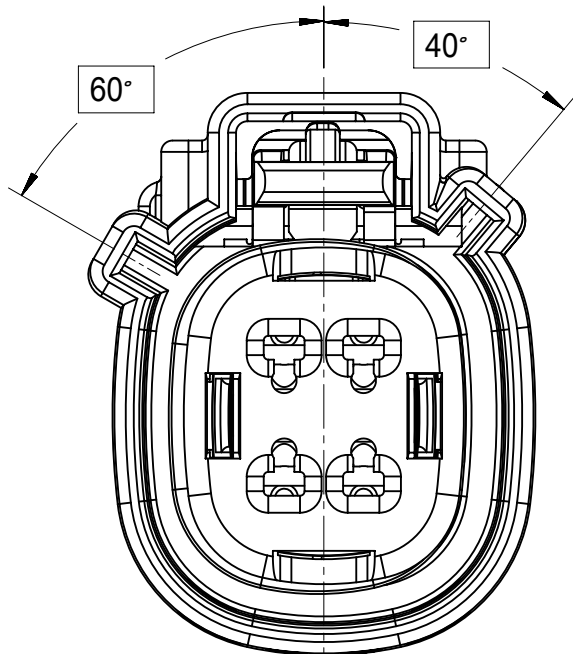
SHEET DESCRIPTION

KEY CONFIGURATIONS

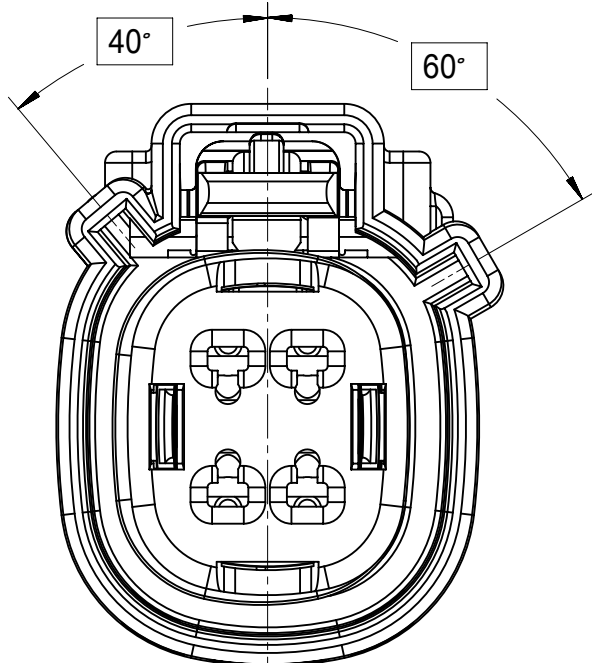
2X2



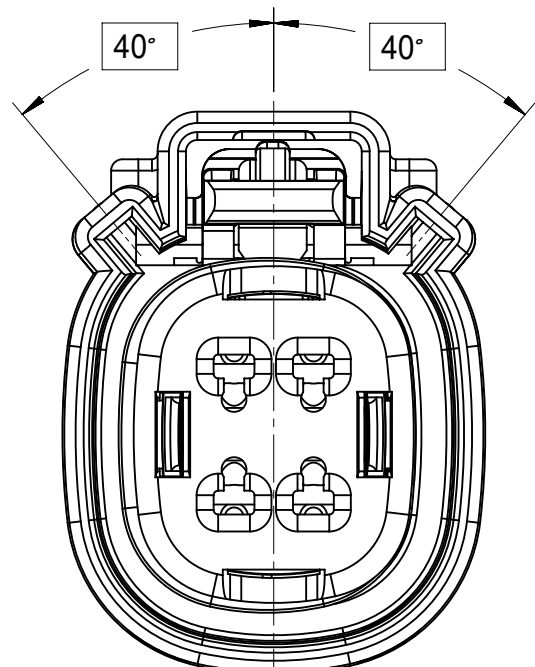
KEY A



KEY B

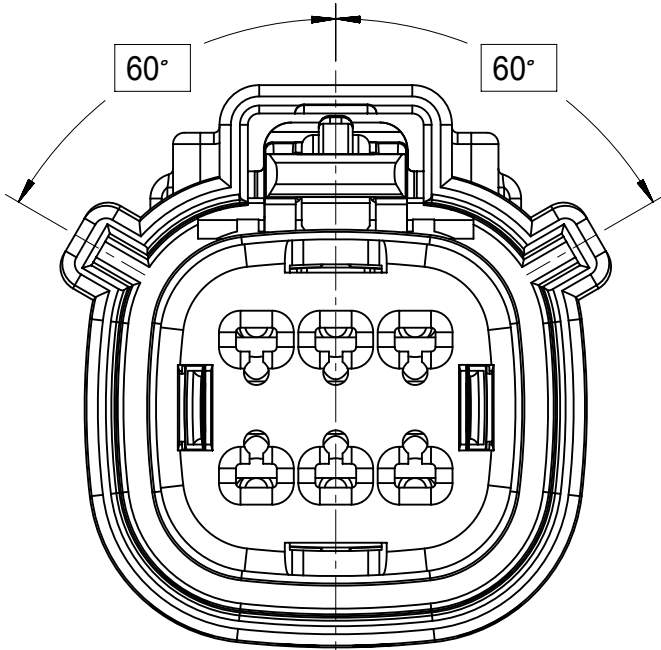


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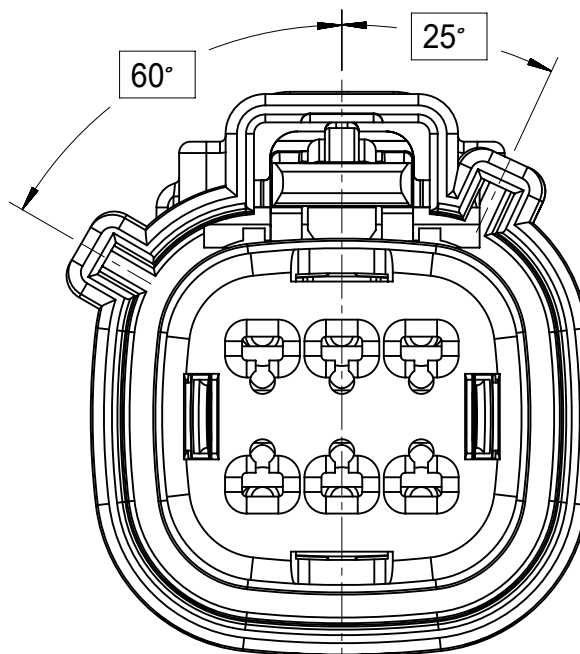


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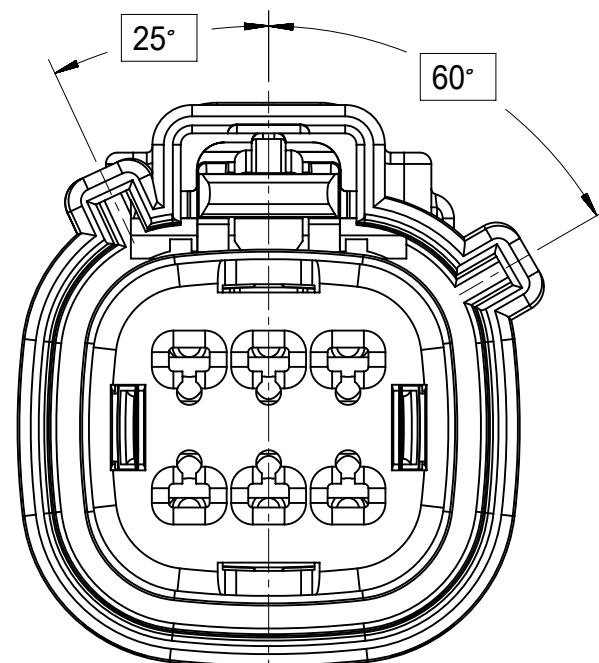
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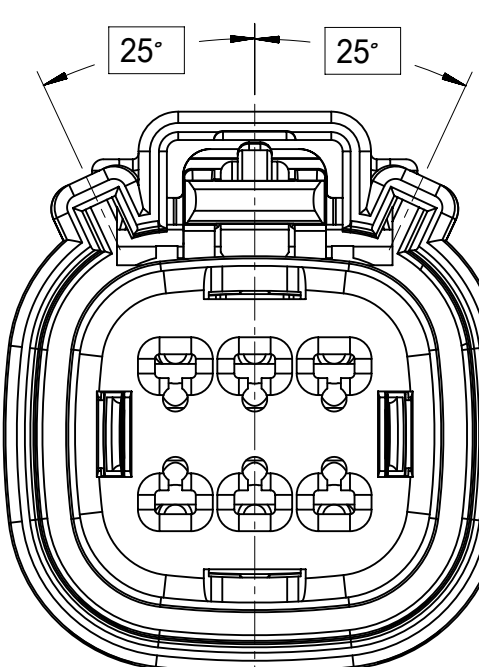
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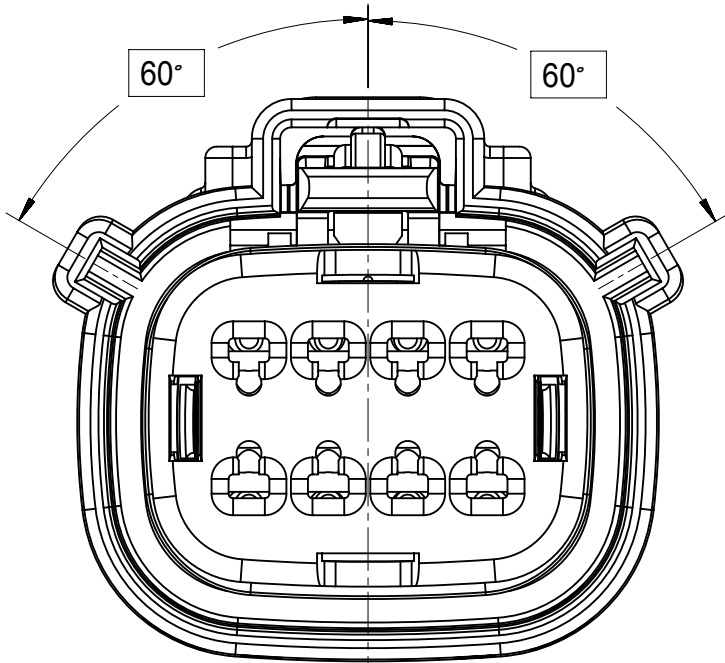


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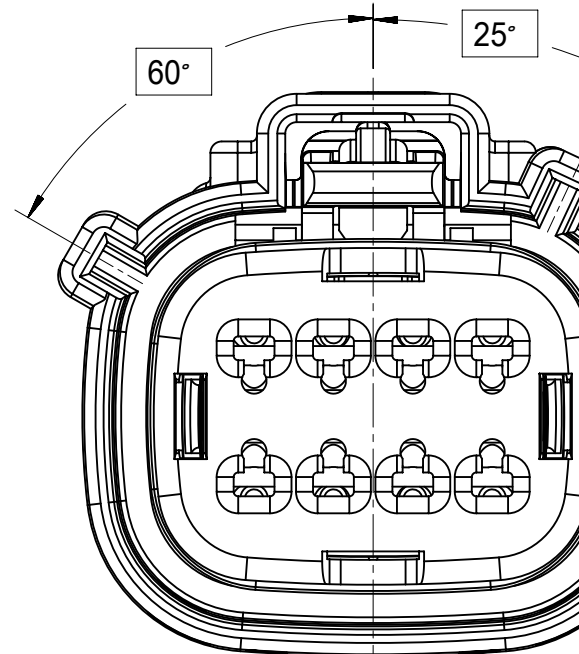


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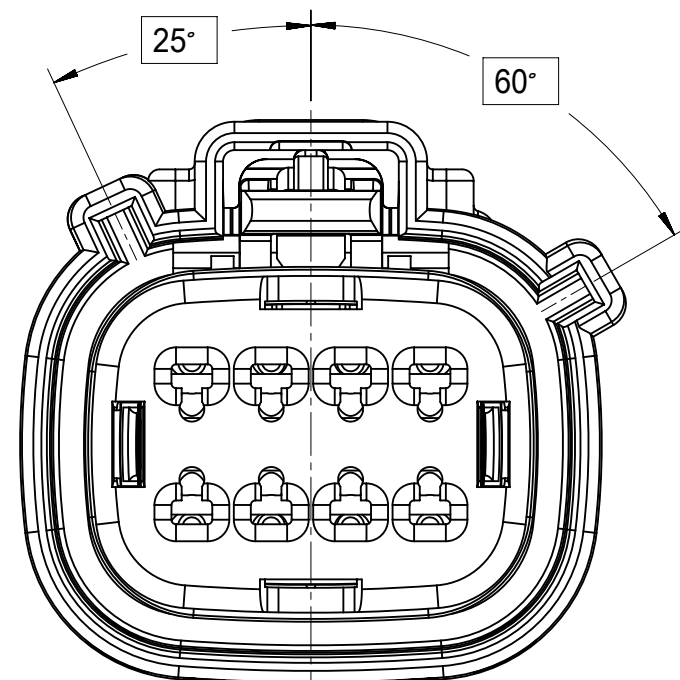
2X4



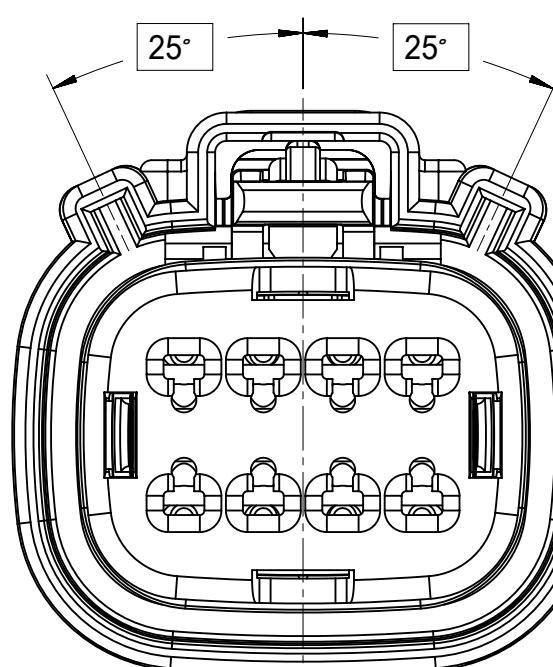
KEY A



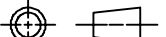
KEY B



KEY C

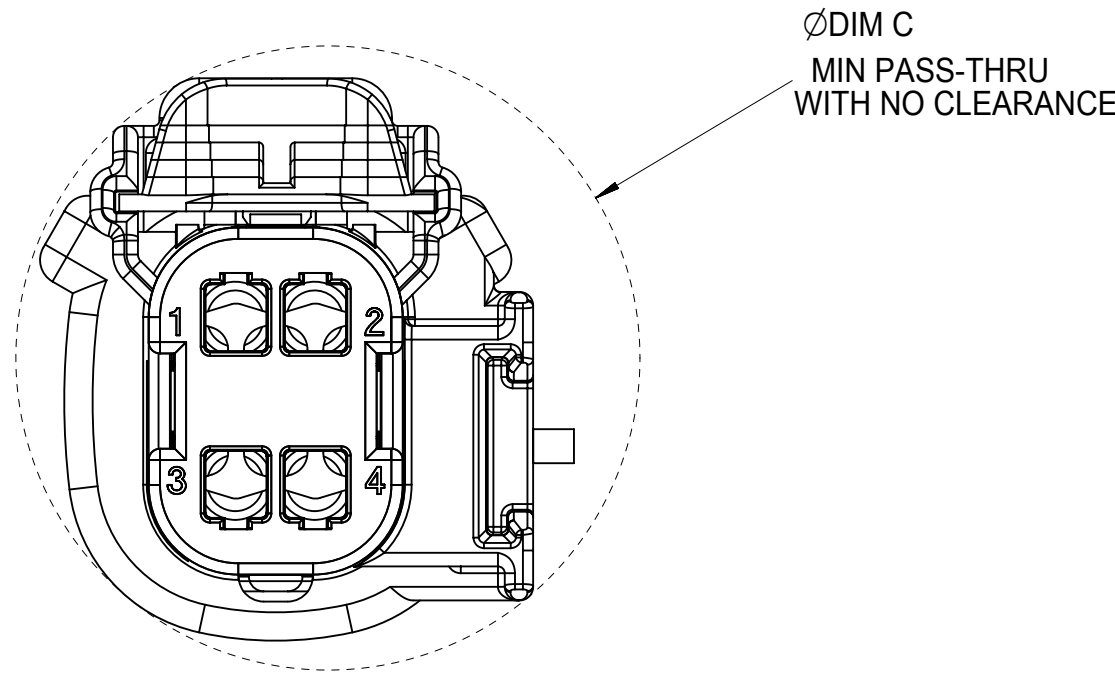
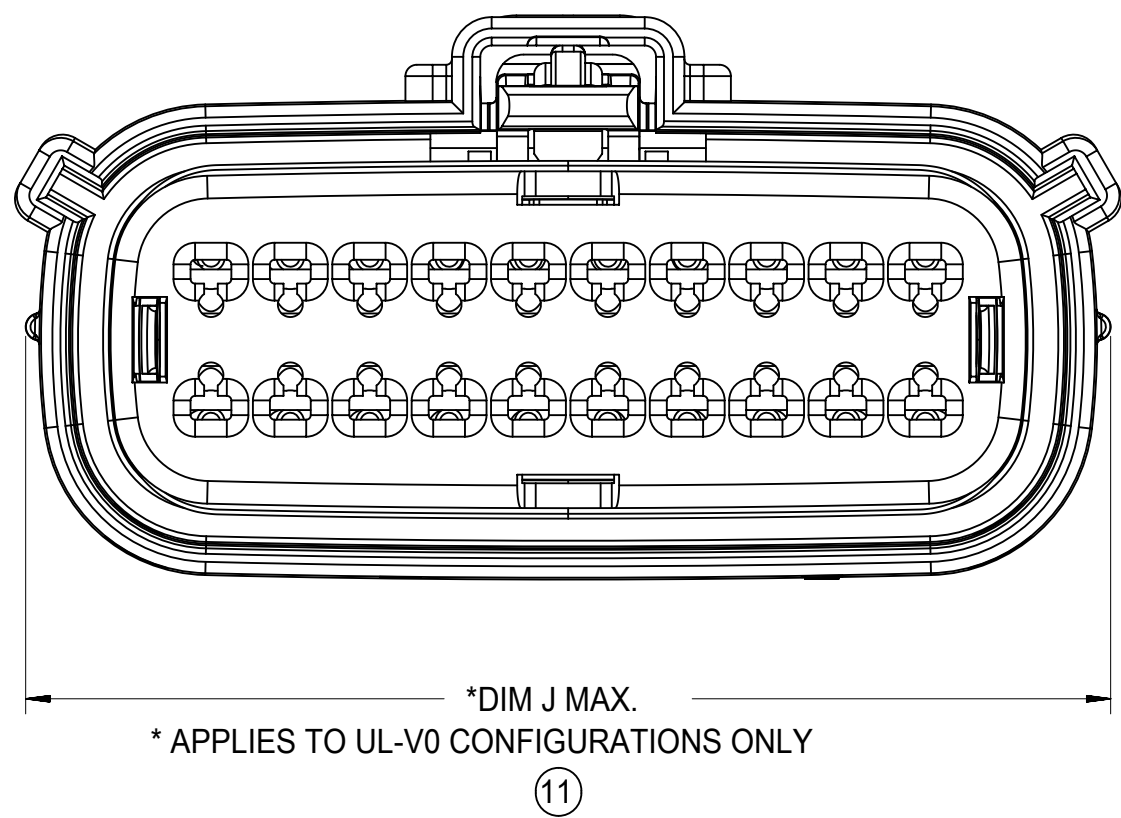


KEY D

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
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 = 0		mm		1:1													
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 = 0		ANGULAR TOL ± 1.0 °															
 = 0		4 PLACES ±		DRWN: DDEB 2018/01/19						2018/01/19							
 = 0		3 PLACES ±														CHK'D: MVANSLAMBROU 2018/02/16	
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 = 0		0 PLACES ±		APPR: VKOSHY 2014/06/27						2014/06/27							
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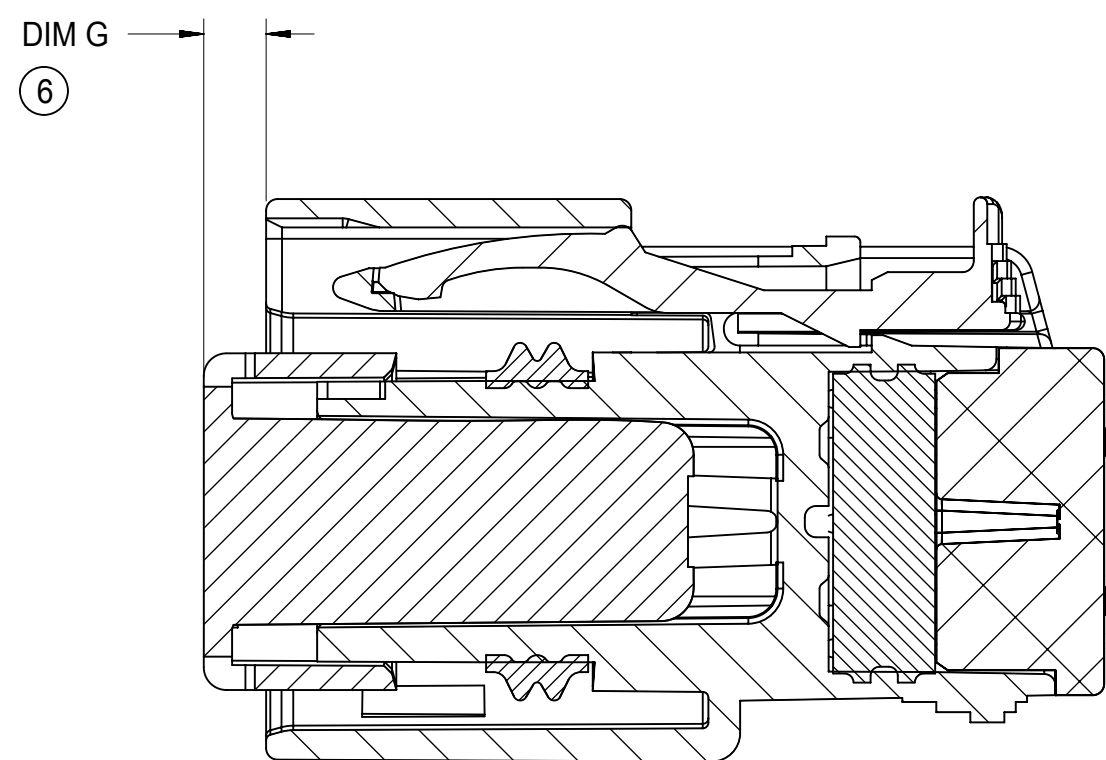
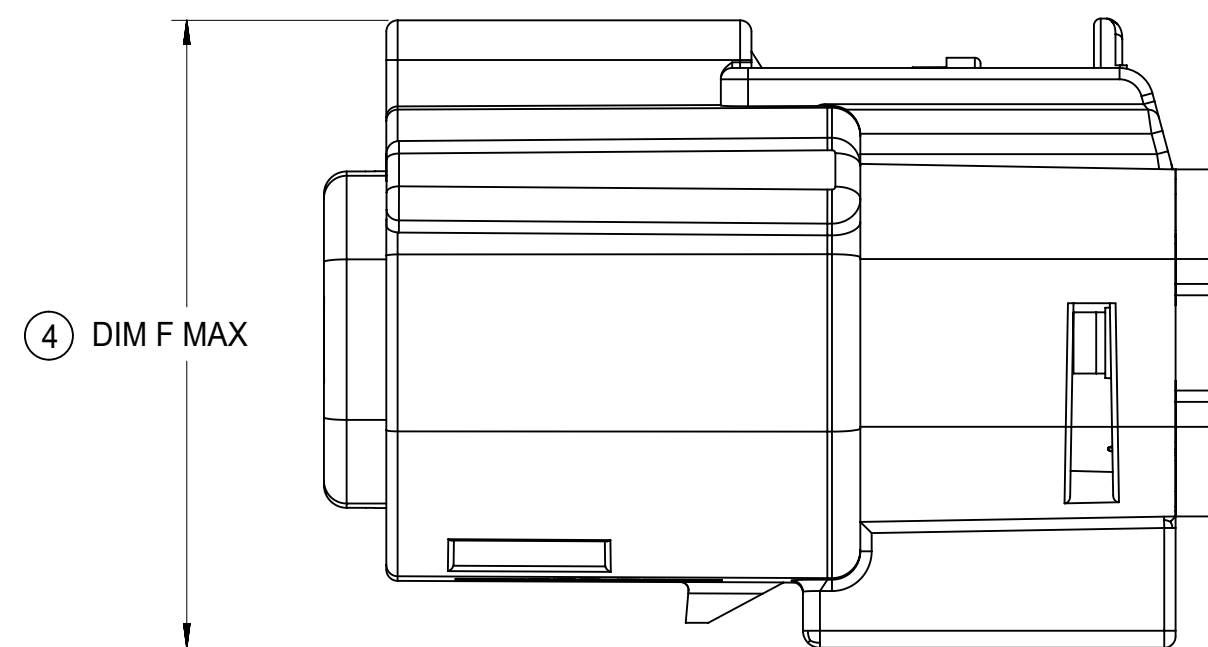
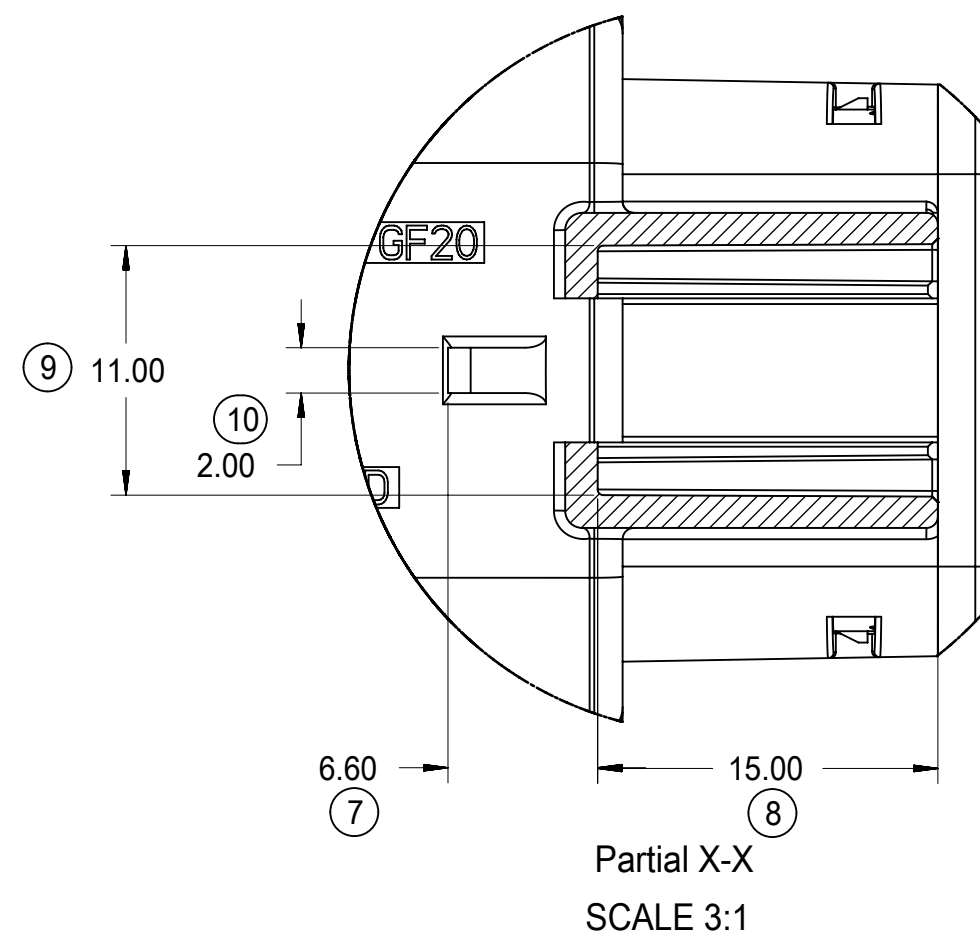
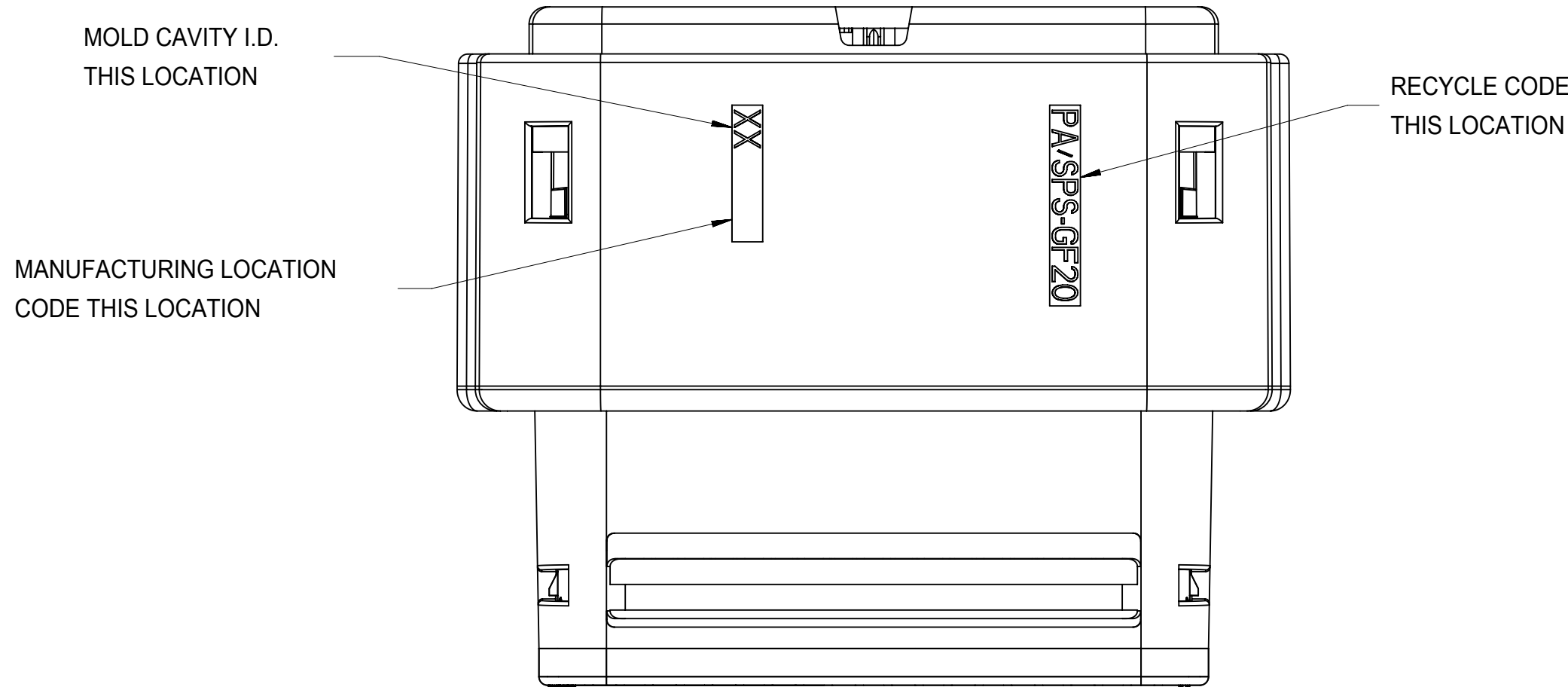
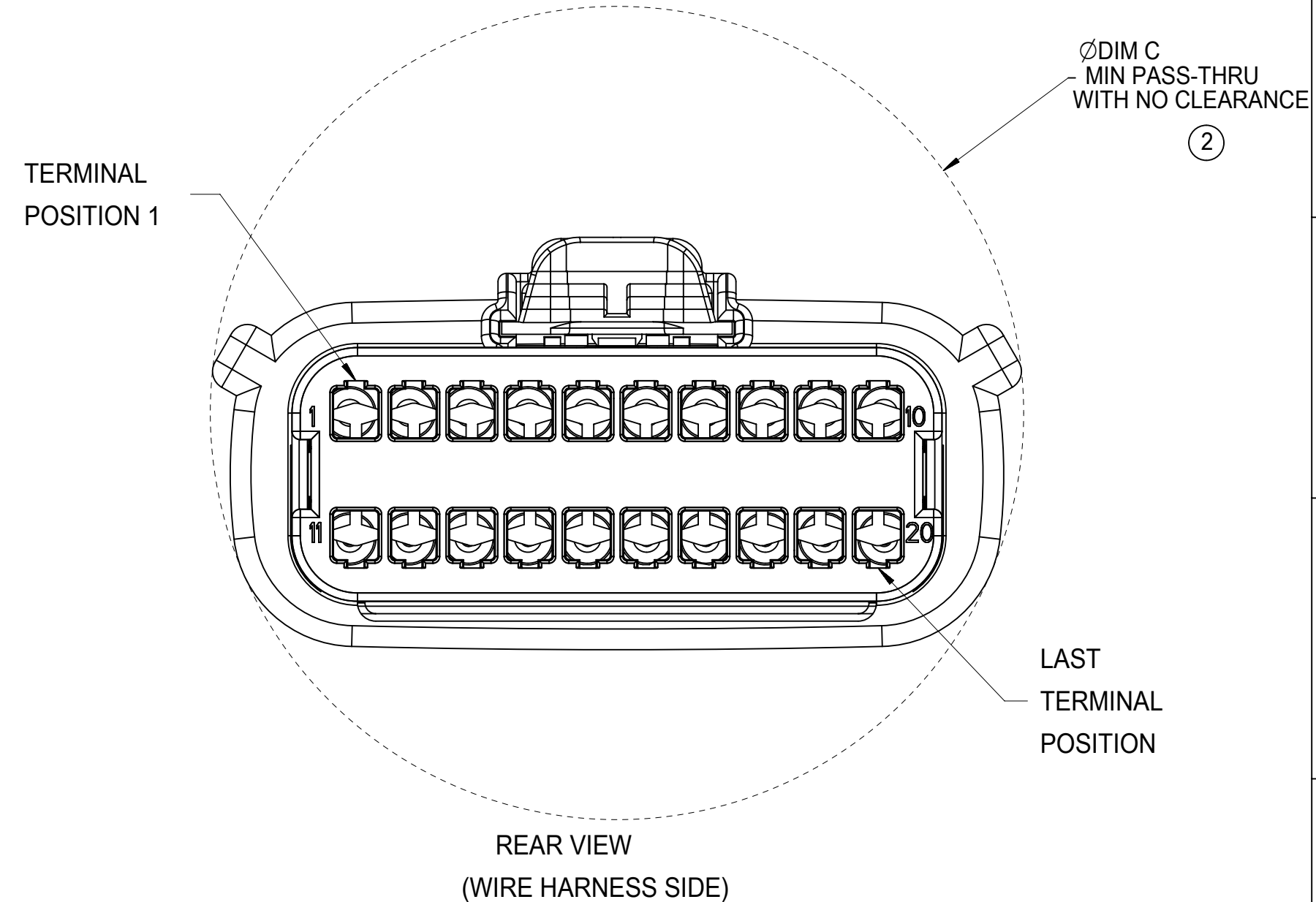
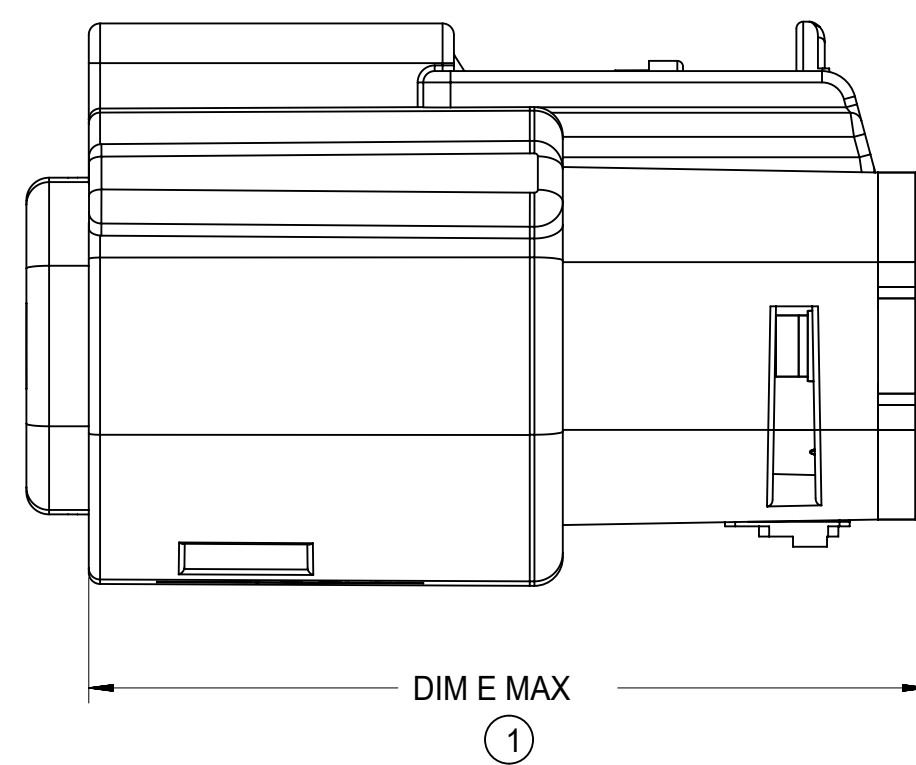
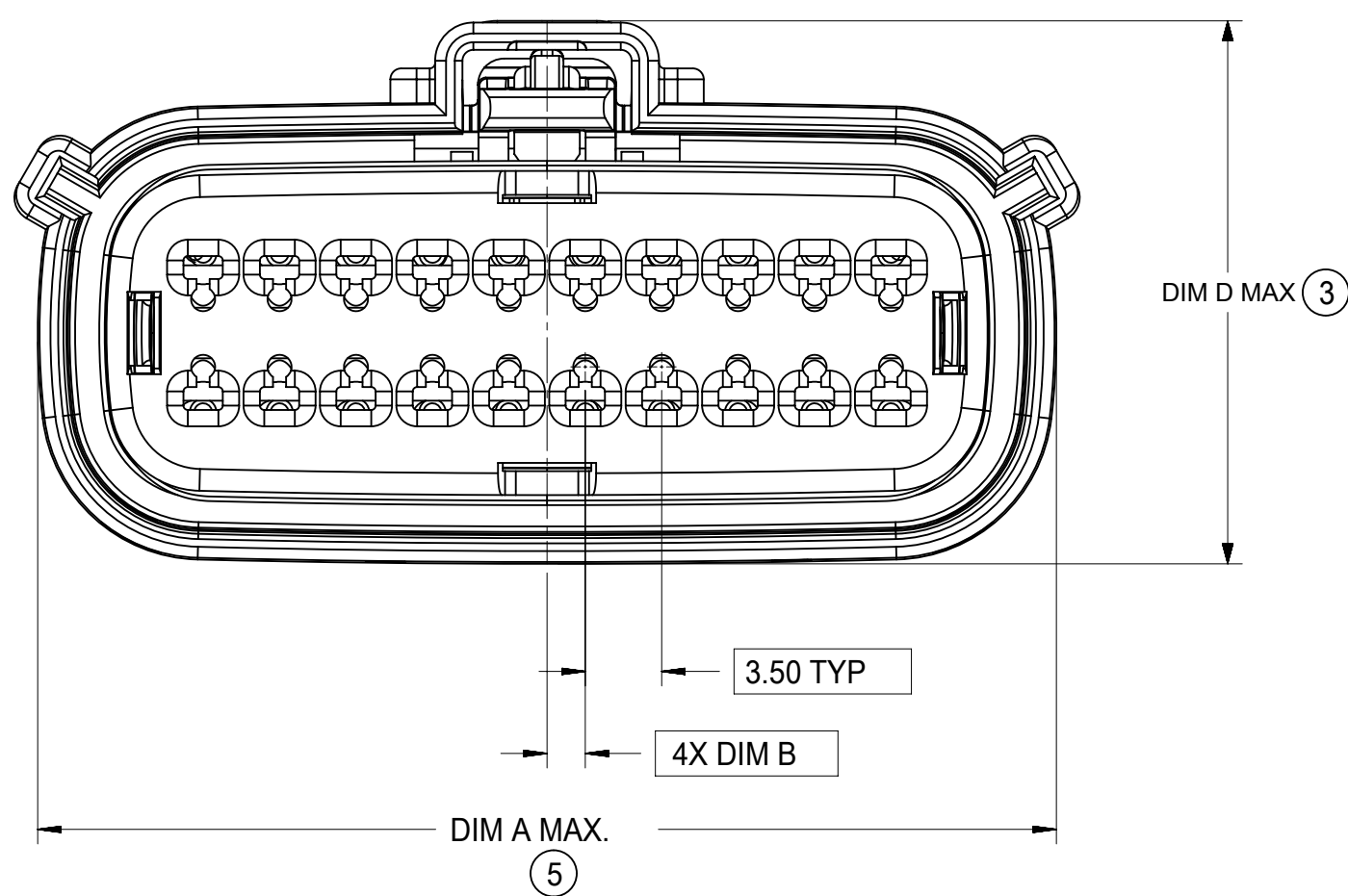
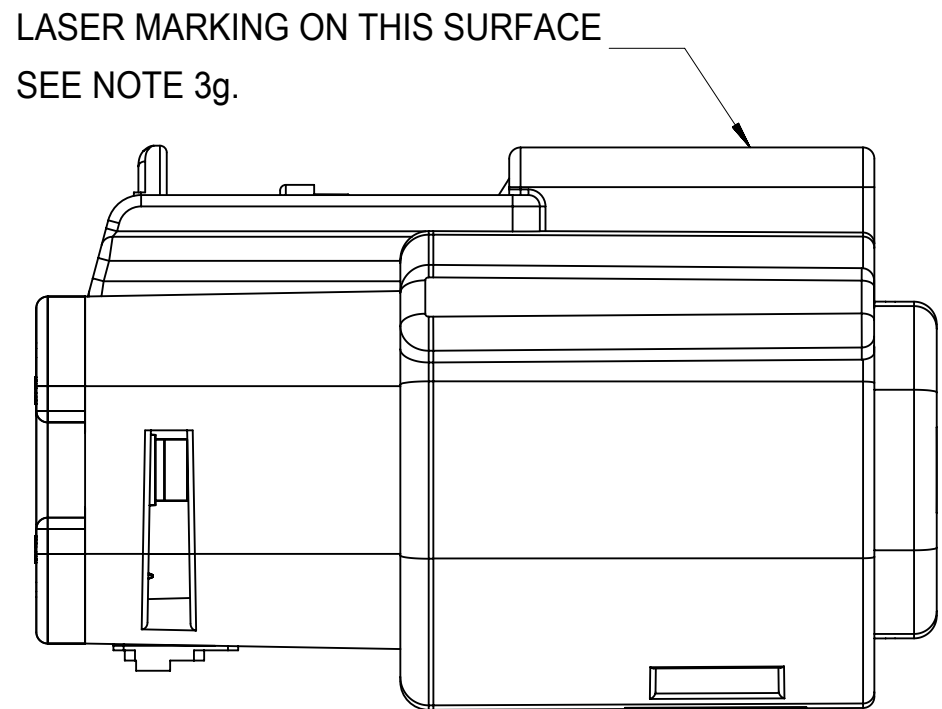
SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY



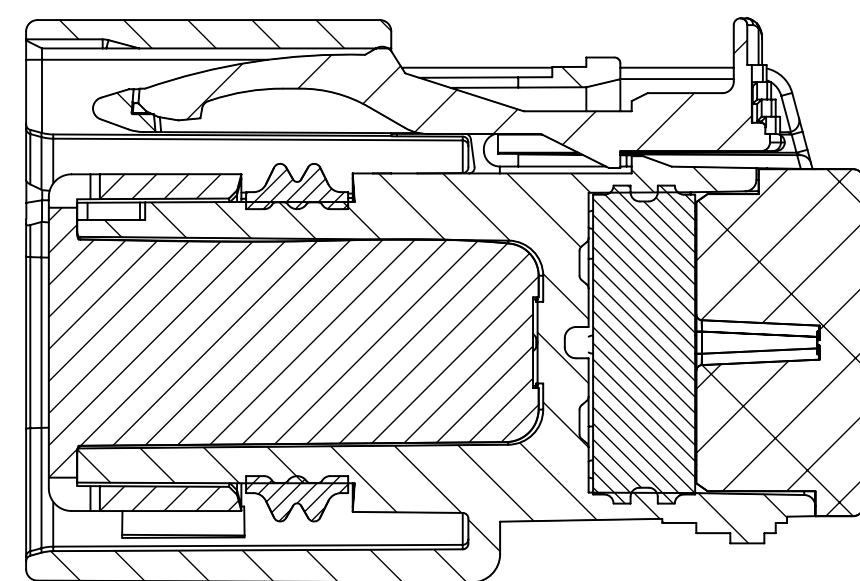
B APPLIES TO 2X2 - STD. - WITH CLIPSLOT ONLY

DESCRIPTION	DIMENSIONS						
	A	B	C	D	E	F	J
2X2 W/O CLIPSLOT	18.58	1.75	25.45	24.81	37.65	N/A	2.75±0.50
2X2 W/ CLIPSLOT	18.58	1.75	27.65	24.81	37.65	N/A	2.75±0.50
2X2 LENGTHENED	18.58	1.75	25.45	24.81	42.25	N/A	2.75±0.50
2X3 W/ CLIPSLOT	22.25	3.5	30.50	N/A	37.65	27.96	4.0±0.4
2X3 W/O CLIPSLOT	22.25	3.5	26.24	24.90	37.65	N/A	4.0±0.4
2X4 W/ CLIPSLOT	25.75	1.75	31.50	N/A	37.65	28.00	2.75±0.50
2X4 W/O CLIPSLOT	25.75	1.75	29.19	24.81	37.65	N/A	2.75±0.50
2X6 W/ CLIPSLOT	32.75	1.75	35.58	N/A	37.65	27.76	2.75±0.50
2X6 W/O CLIPSLOT	32.75	1.75	35.58	24.90	37.65	N/A	2.75±0.50
2X6 W/O CLIPSLOT V0	32.75	1.75	35.58	25.0	37.65	N/A	2.75±0.50
2X8 W/O CLIPSLOT	39.80	1.75	42.25	24.90	37.65	N/A	4.0±0.4
2X8 W/ CLIPSLOT	39.80	1.75	42.25	N/A	37.65	27.80	4.0±0.4
2X10 W/O CLIPSLOT	46.75	1.75	49.95	24.90	37.65	N/A	2.75±0.50
2X10 W/ CLIPSLOT	46.75	1.75	49.95	N/A	37.65	27.80	2.75±0.50



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION

SECTION Y-Y



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

SECTION Z-Z

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
<										

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. APPLICATION SPECIFICATION SEE: AS-34951-001
- DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33472-0001.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
 - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.
 - DESIGN IS OWNED BY SCHLEMMER FOR SCHLEMMER BACKSHELL.
 - DESIGN IS OWNED BY MOLEX FOR MOLEX BACKSHELL.
 - 90° ADAPTOR DESIGN IS OWNED BY MOLEX.
 - FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34951-0001.

BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

34951-XXXX

CUSTOMER MODEL COMPONENTS

- 0 - SCHLEMMER BACKSHELL ONLY
- 1 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
- 2 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
- 3 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
- 4 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY D ASSEMBLY
- 5 - MOLEX BACKSHELL ONLY
- 6 - MOLEX BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
- 7 - MOLEX BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
- 8 - MOLEX BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
- 9 - MOLEX BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

BACKSHELL FEATURES

- 1 - WITH RIBS
- 2 - WITHOUT RIBS
- 3 - 90° ADAPTOR

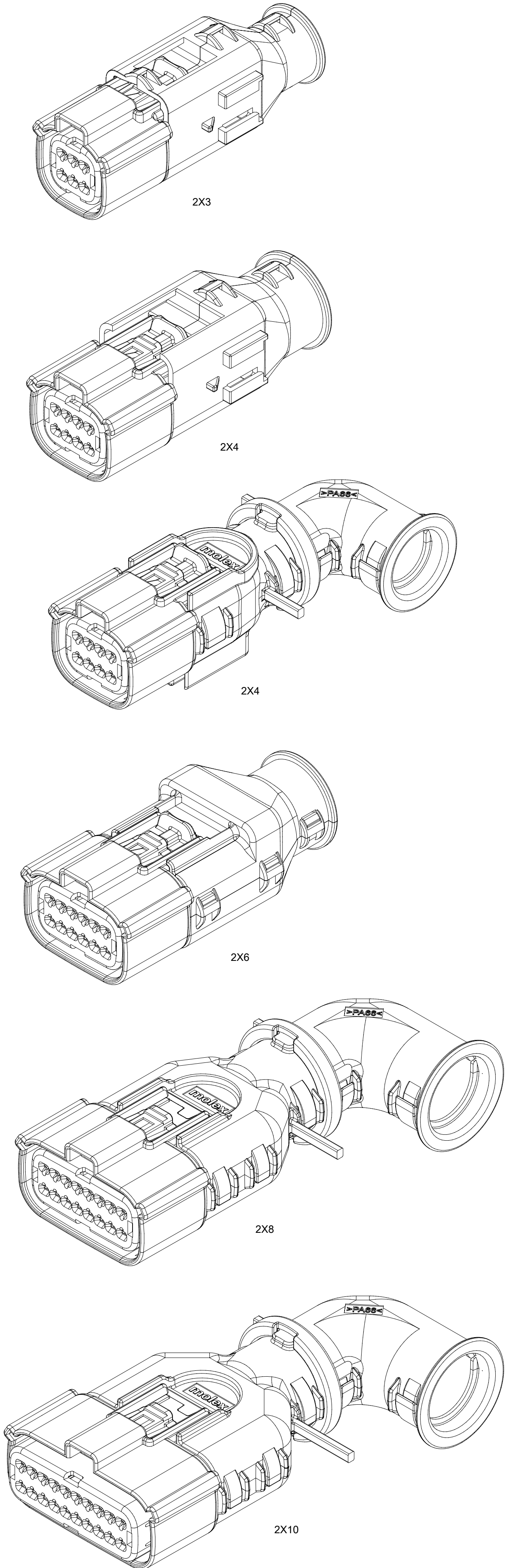
MX150 CIRCUIT SIZE 04, 06, 08, 12, 16, 20

RECEPTACLE SEALED ASSEMBLY

BACKSHELL (BKS)

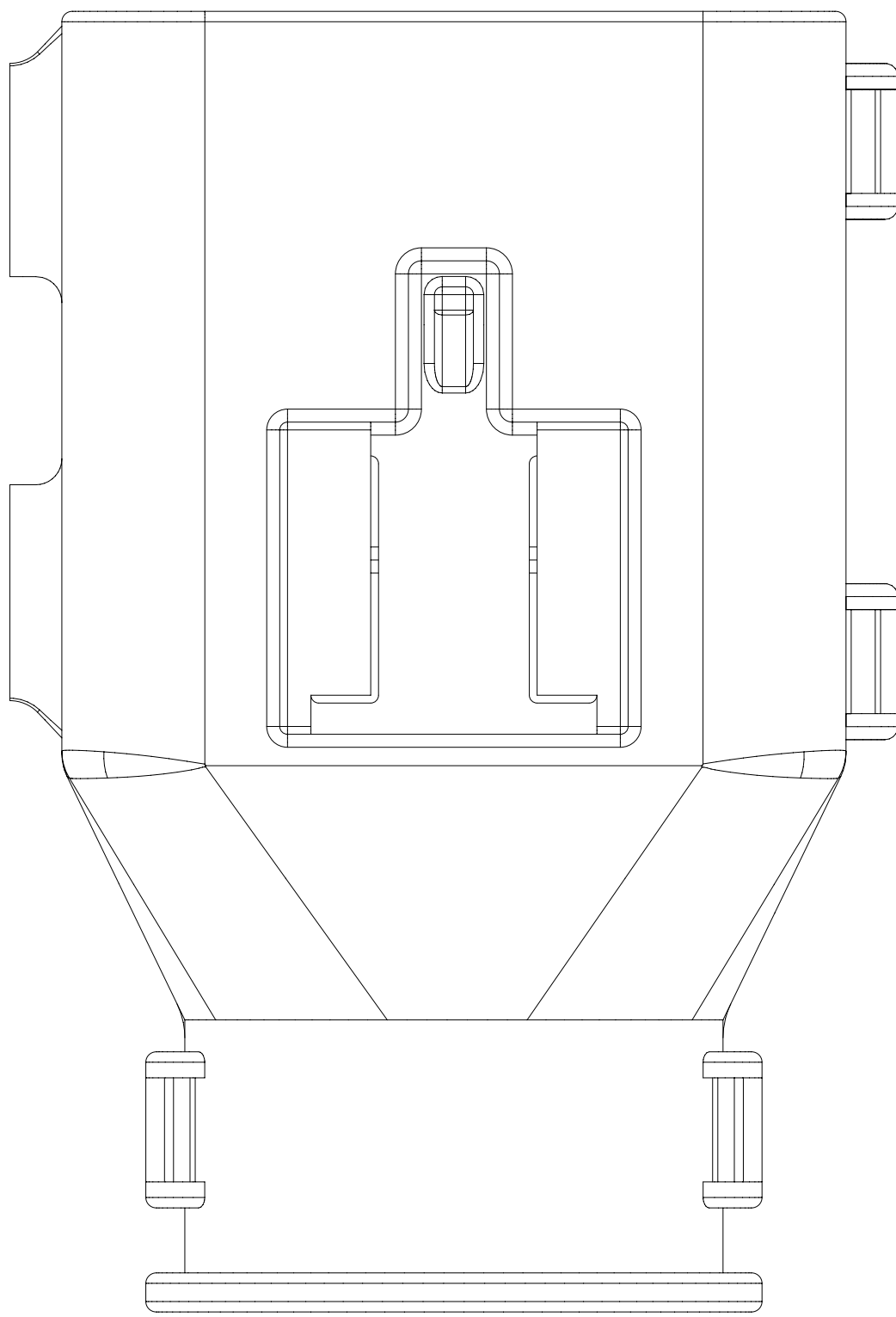
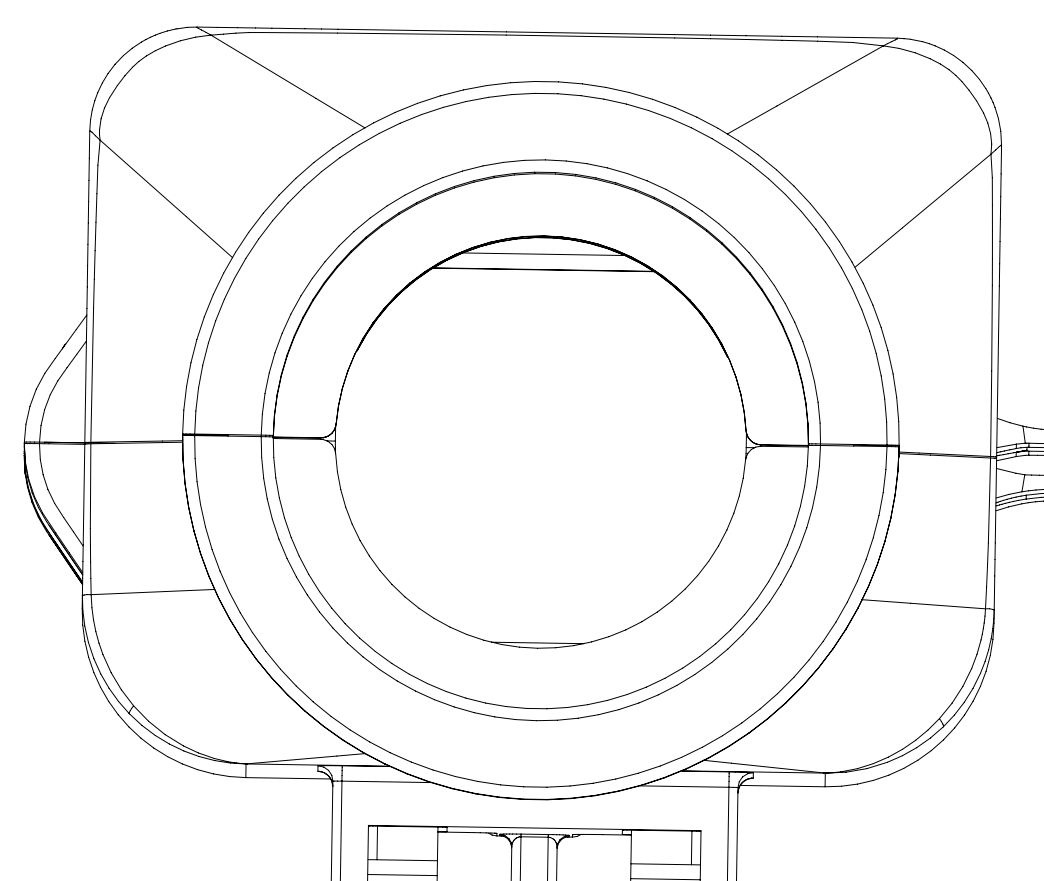
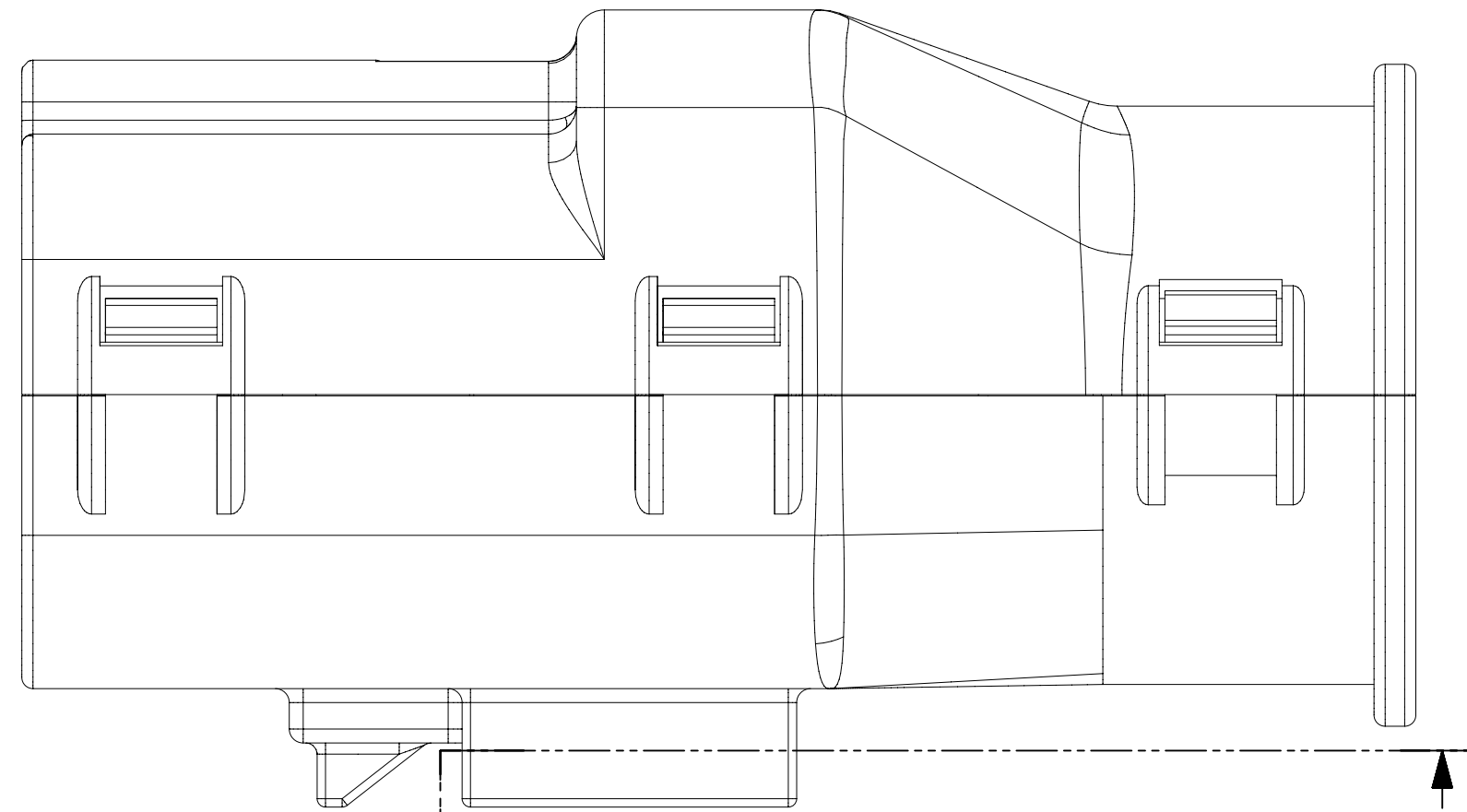
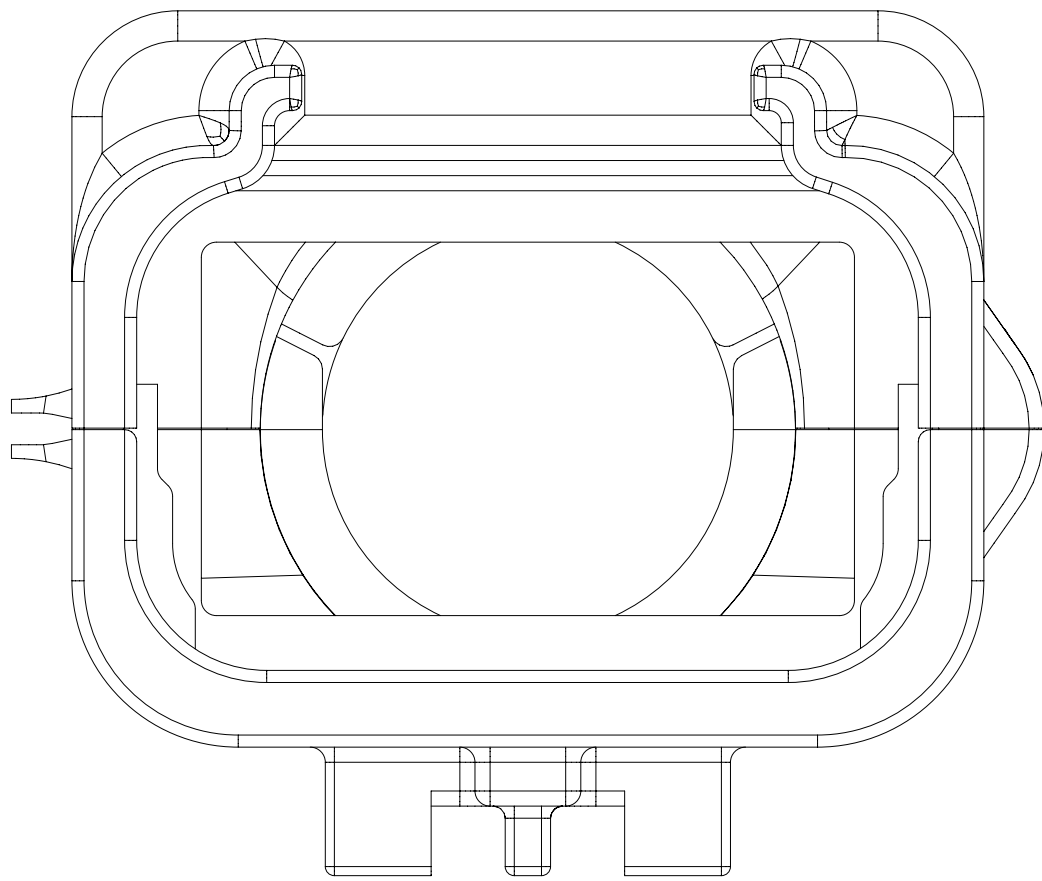
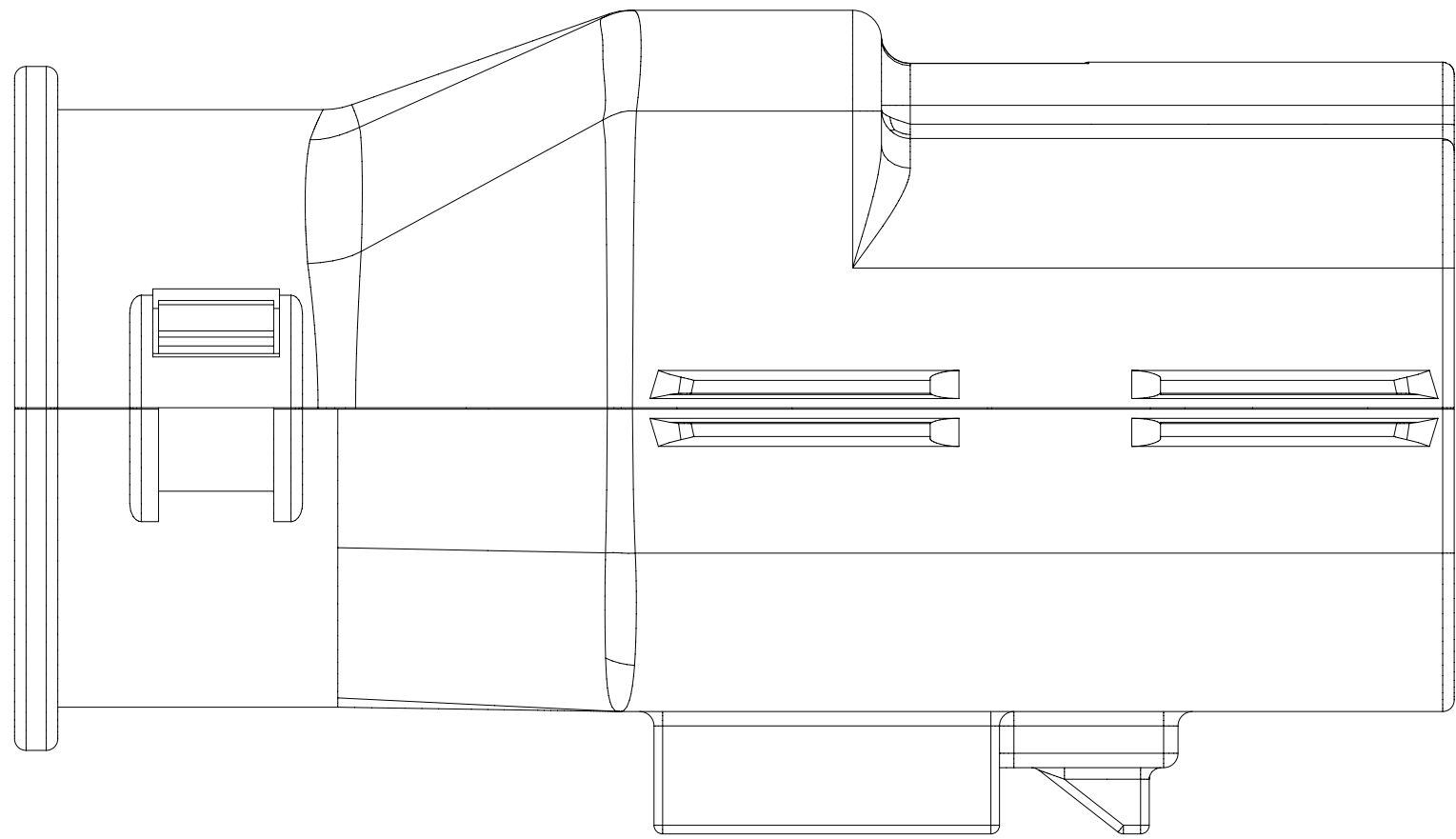
SCALE 2:1

90° ADAPTOR



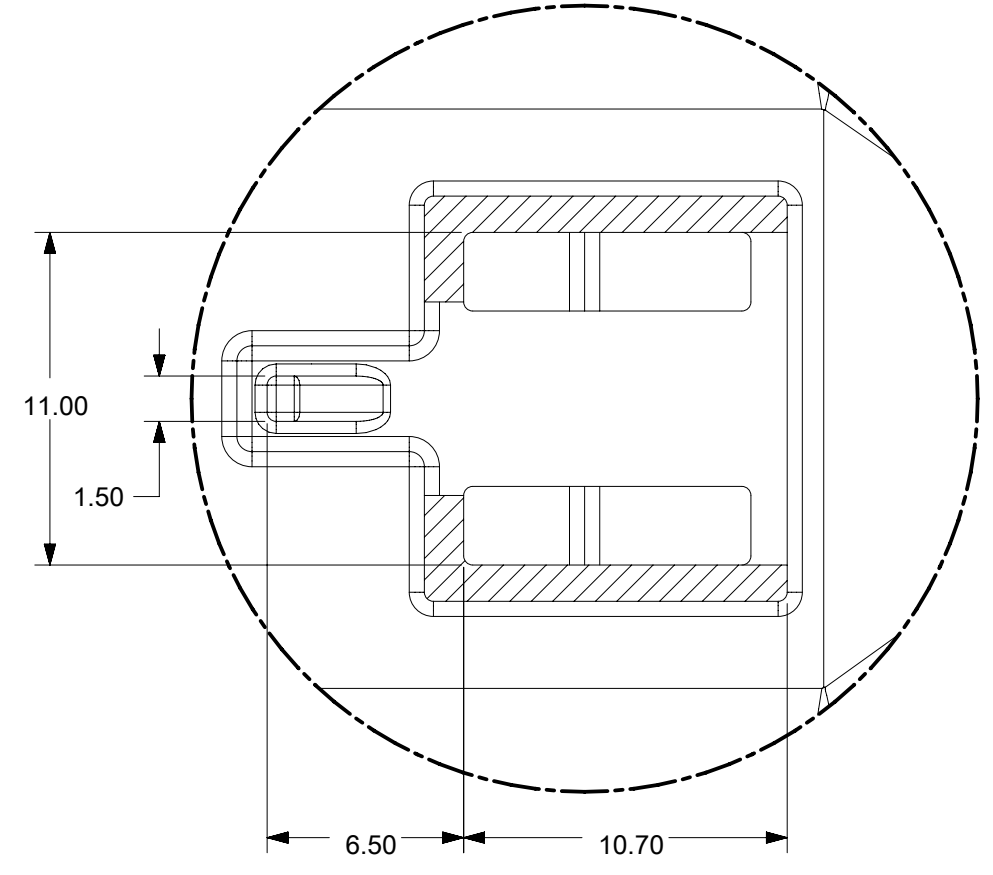
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	mm		1.5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	4 PLACES		±						PRODUCT CUSTOMER DRAWING						
	3 PLACES		±												
	2 PLACES		± 0.1												
	1 PLACE		± 0.2												
	0 PLACES		±						DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION						DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				A1-SIZE	33472			GENERAL MARKET		6 OF 11					

SHEET DESCRIPTION	
SCHLEMMER BACKSHELL	



V

V

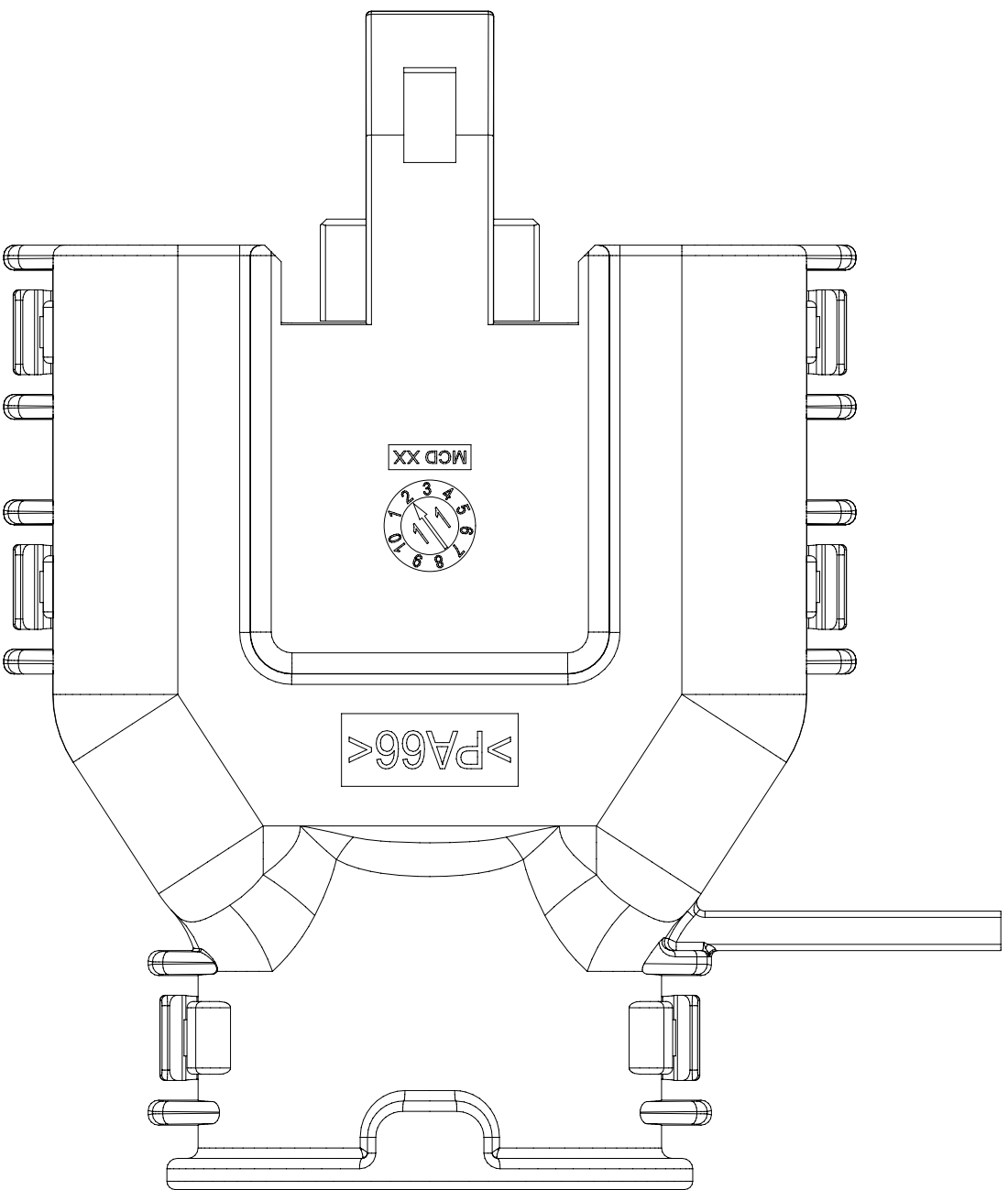
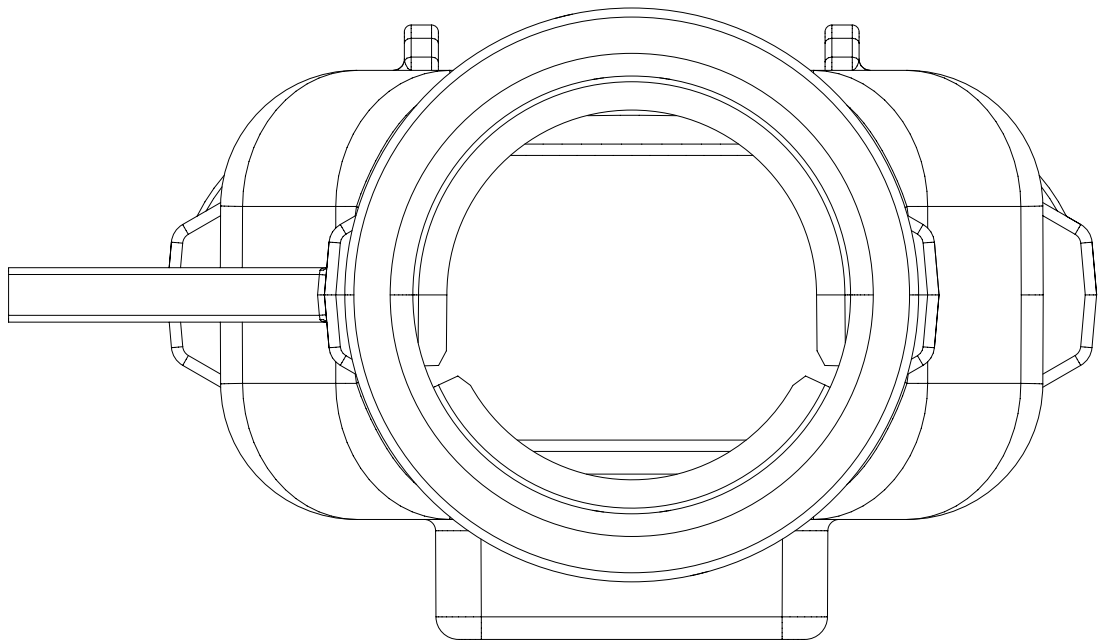
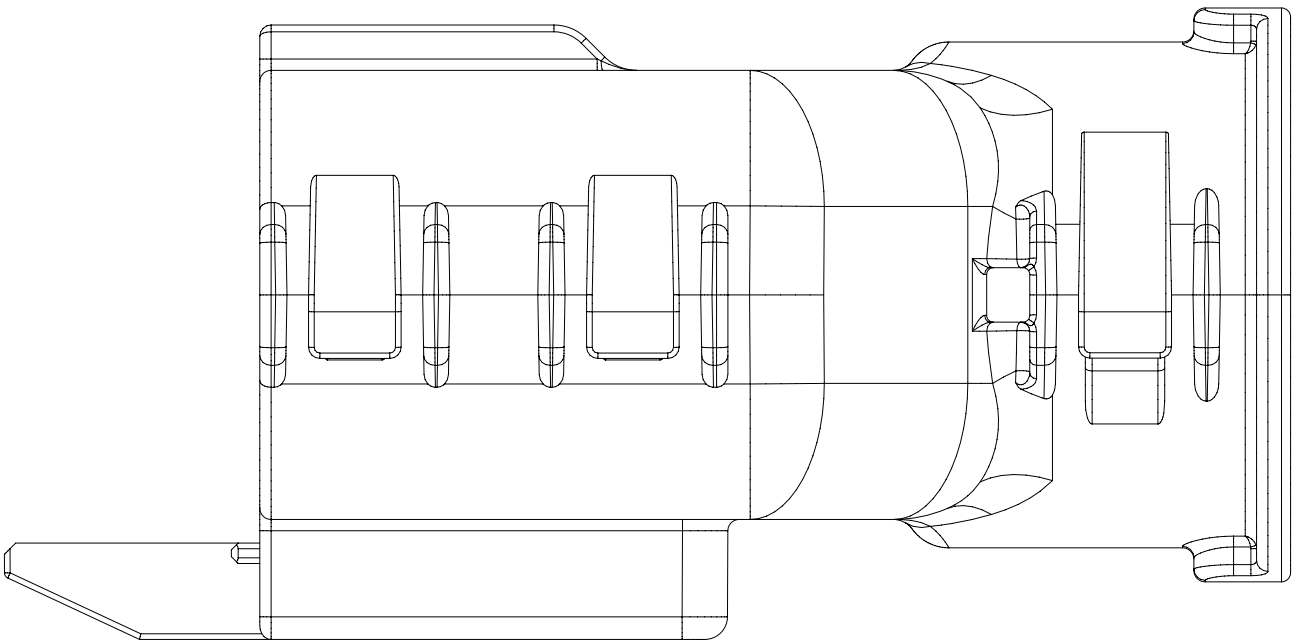
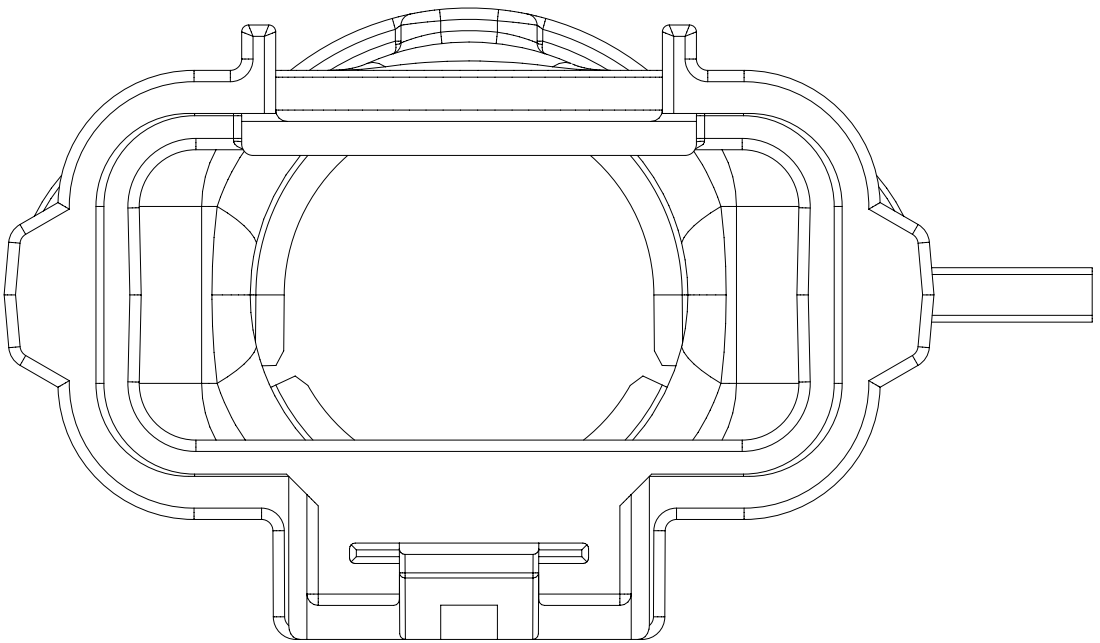
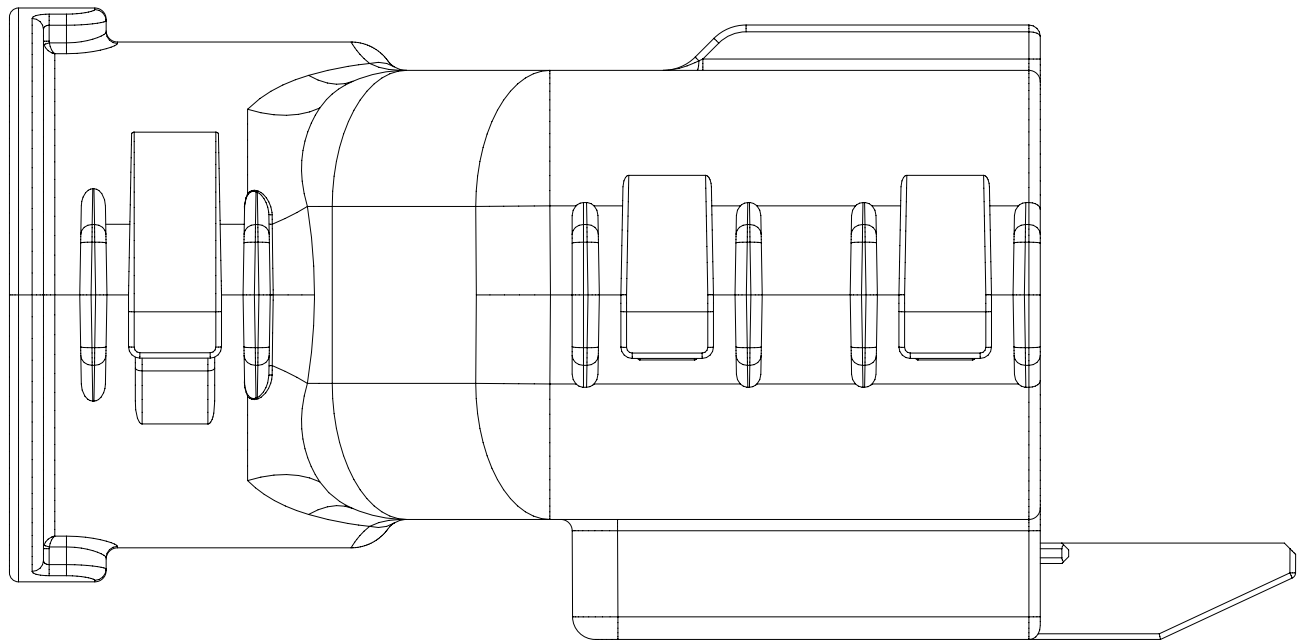


Partial V-V
SCALE 4:1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
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 = 0		ANGULAR TOL ± 1.0 °				MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL			
 = 0		4 PLACES ±							
 = 0		3 PLACES ±				EC NO: 171650 DRWN: DDEB 2018/01/19 CHK'D: MVANSLAMBROU 2018/02/16 APPR: MVANSLAMBROU 2018/02/16			
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						DOC PART 001		REVISION C2	
						MATERIAL NUMBER		CUSTOMER GENERAL MARKET	
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DOCUMENT STATUS	P1	RELEASE DATE	2018/02/16 22:02:25
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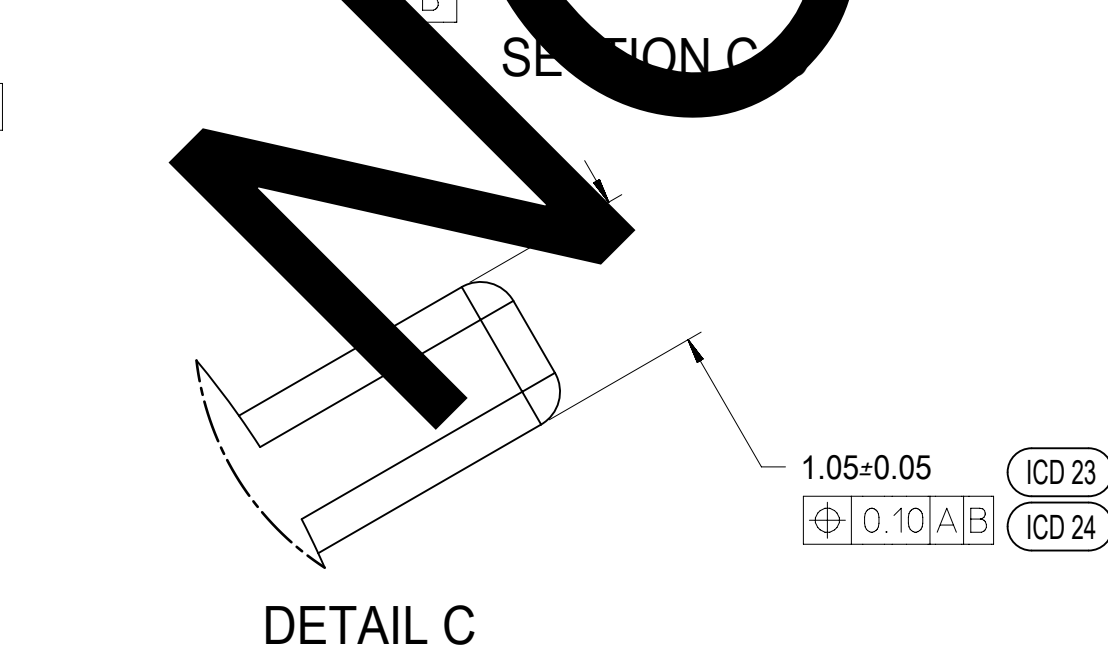
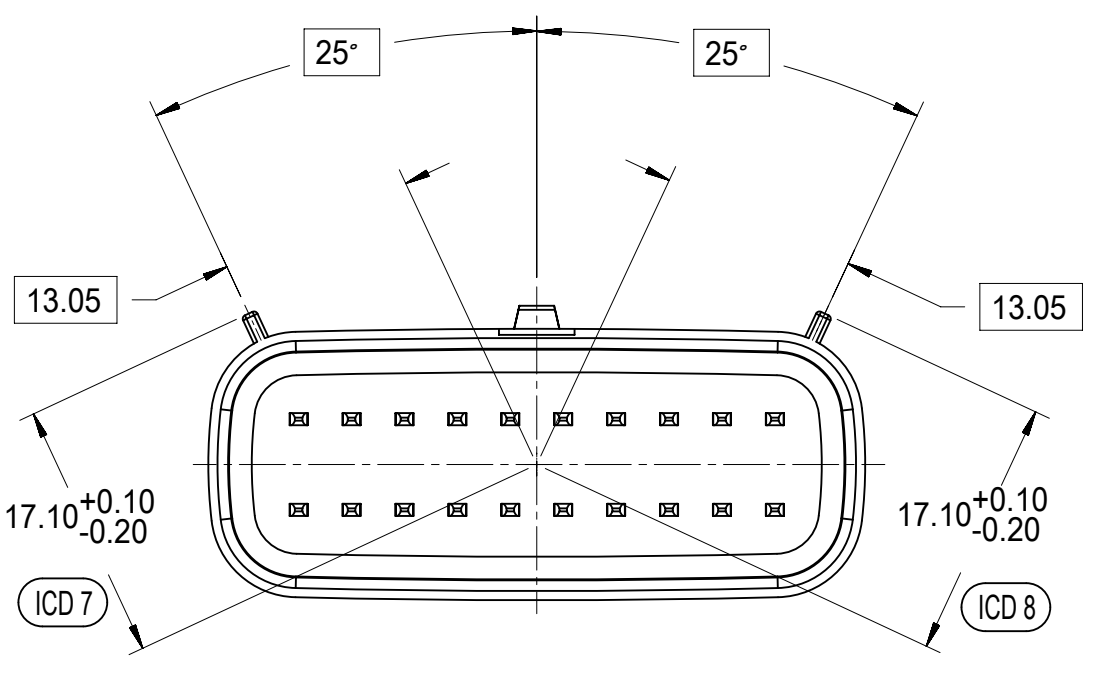
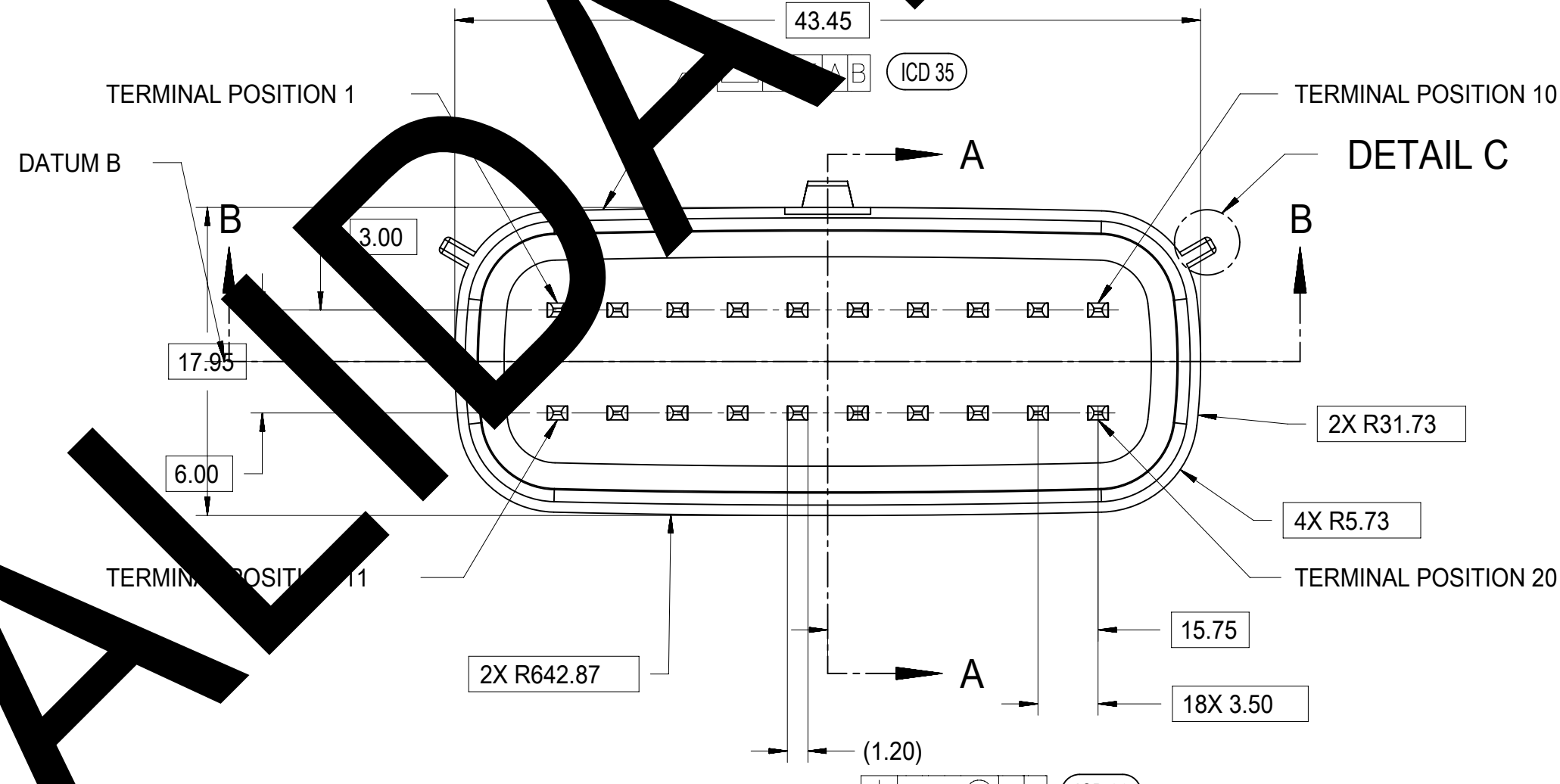
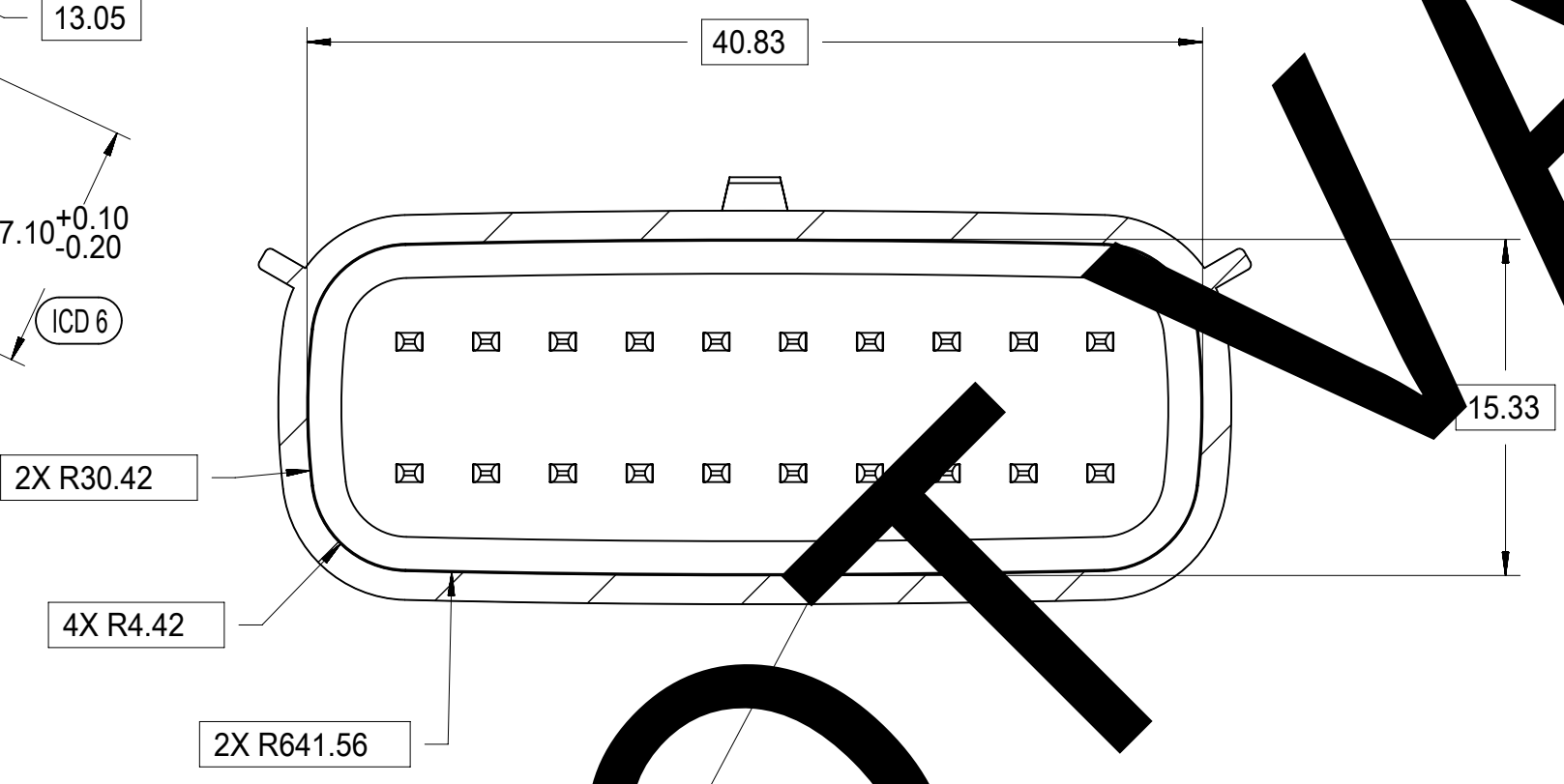
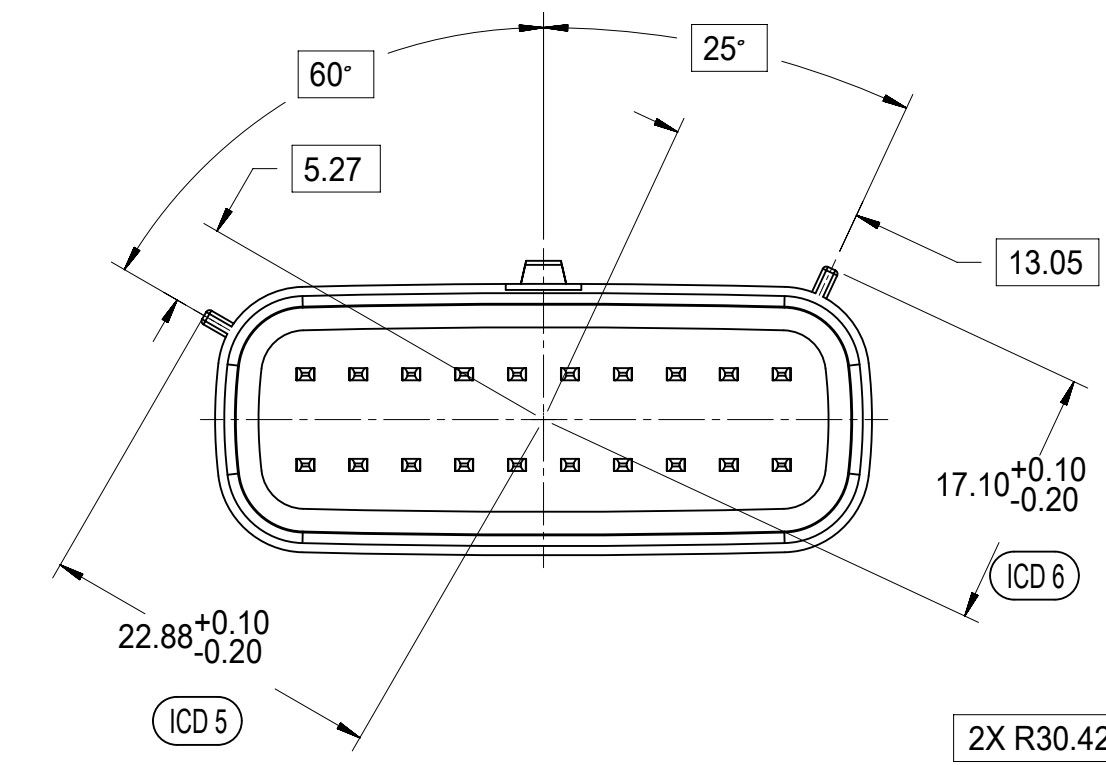
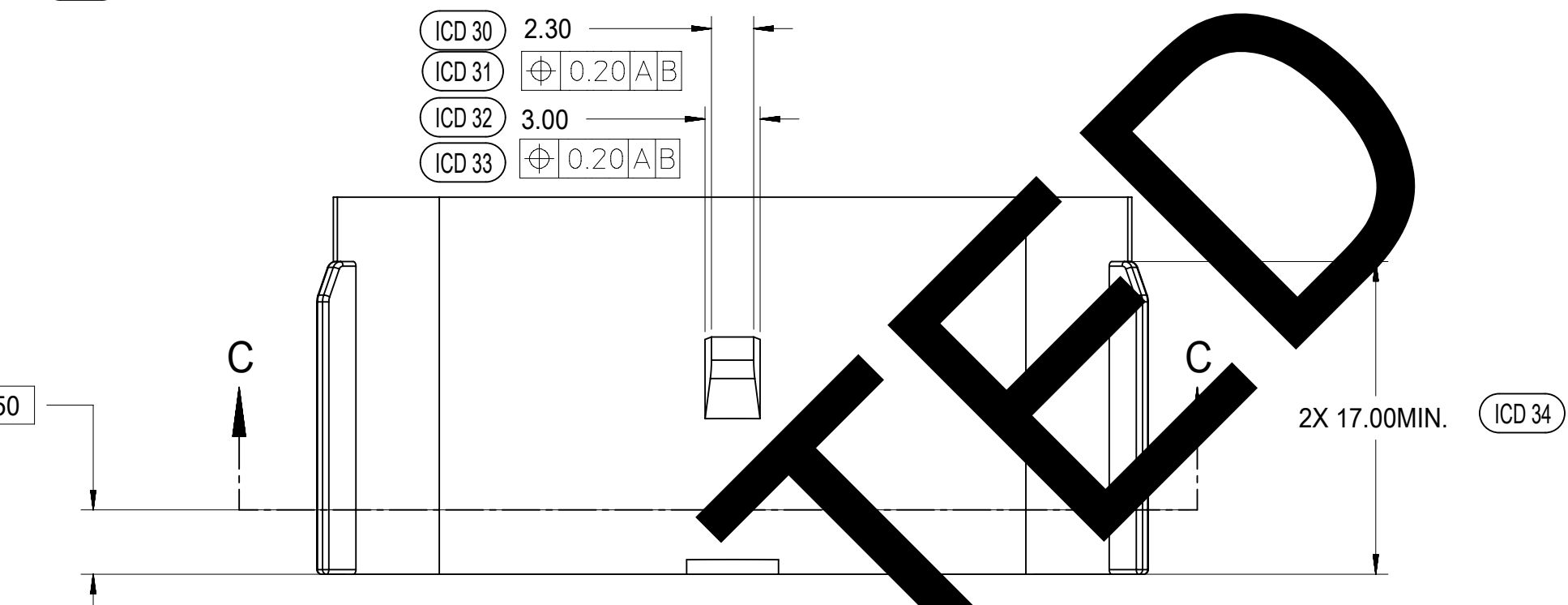
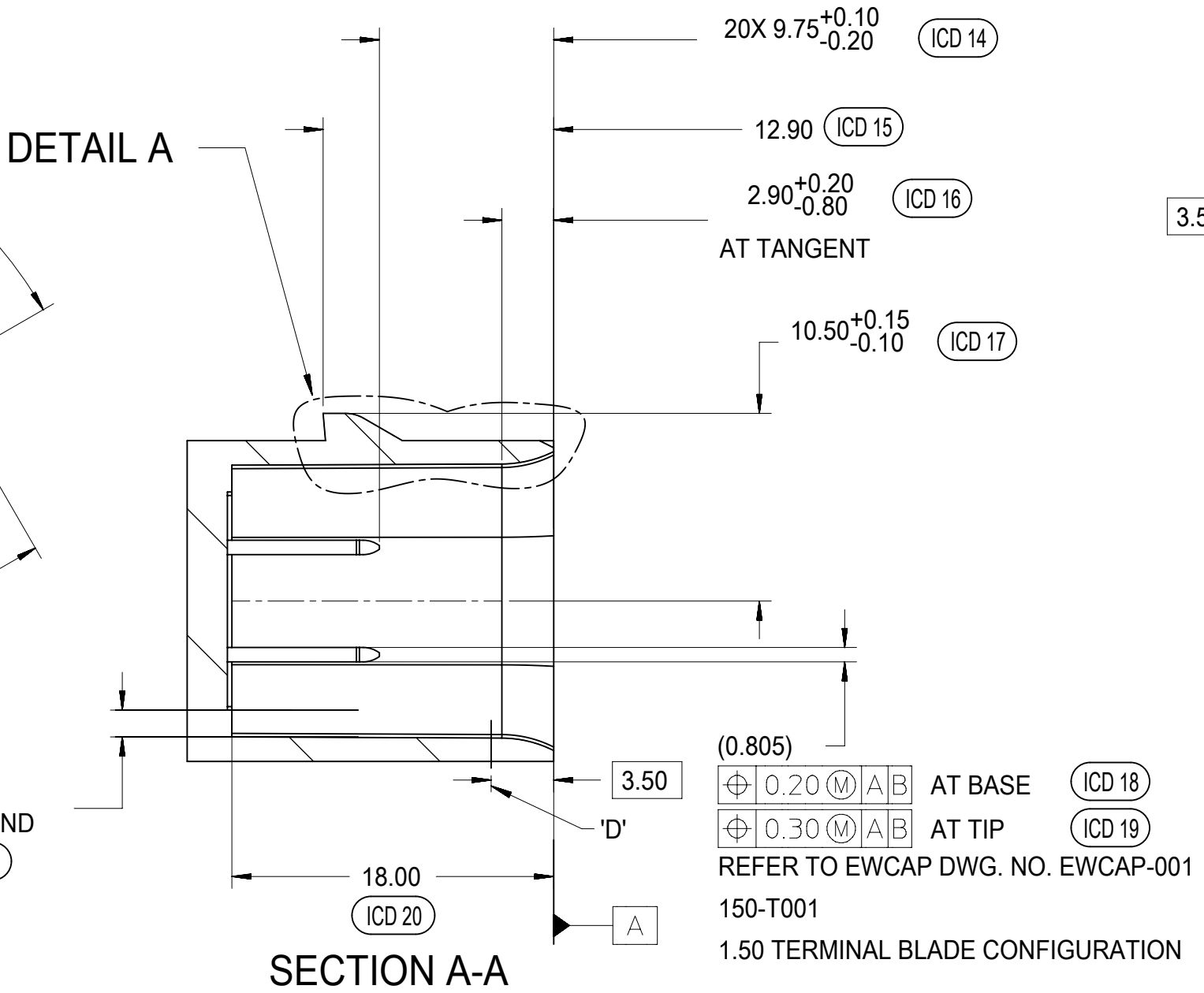
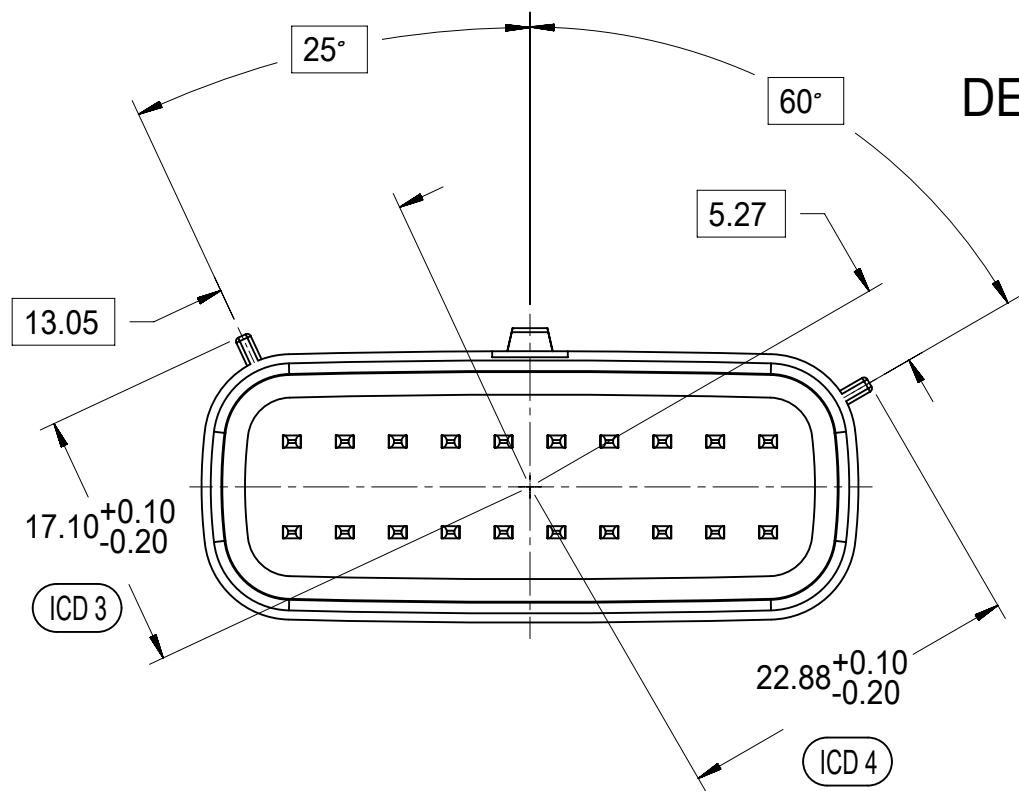
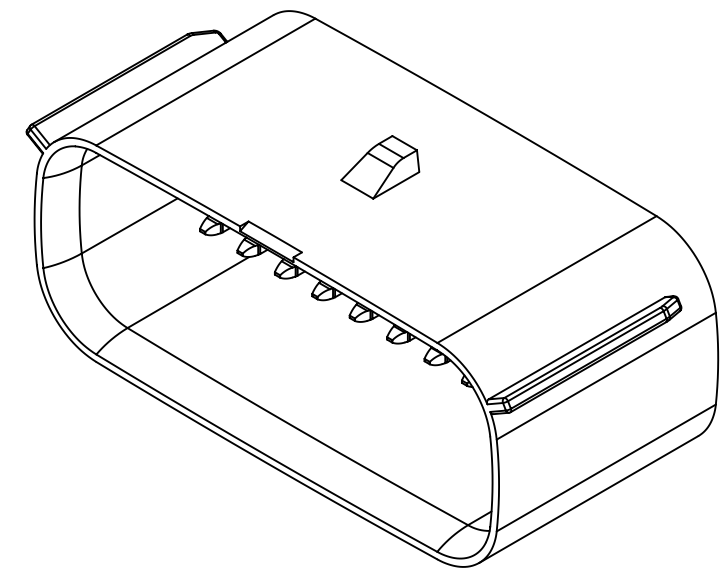
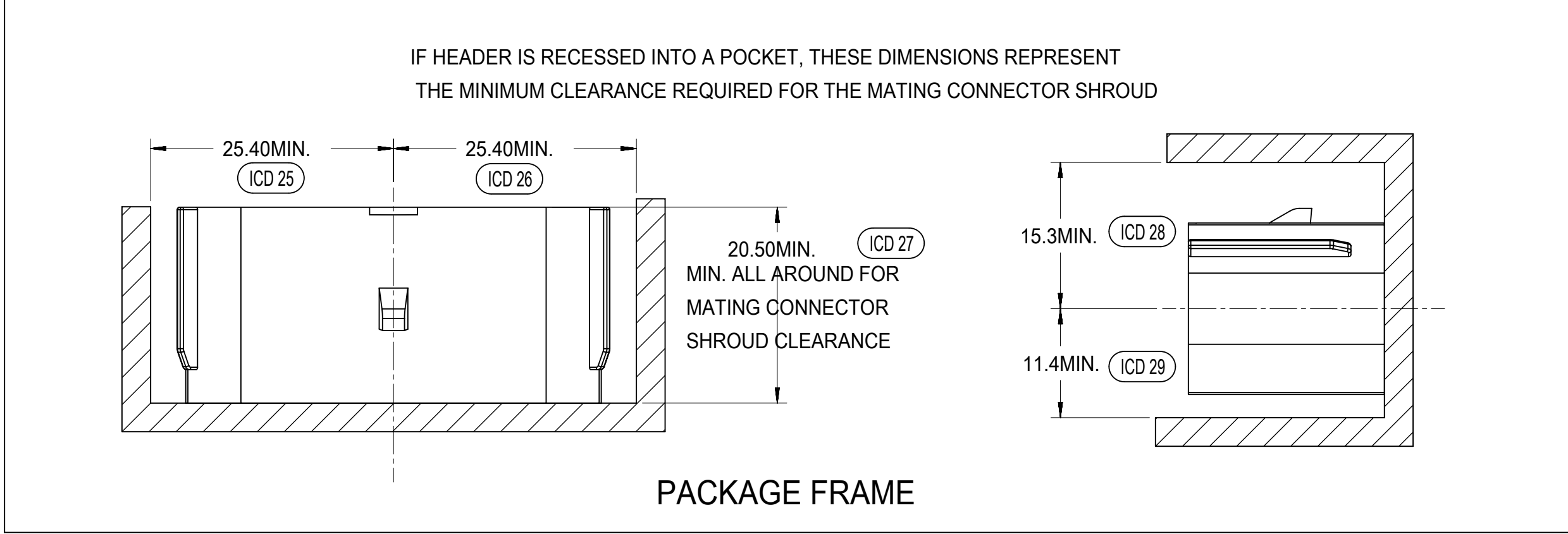
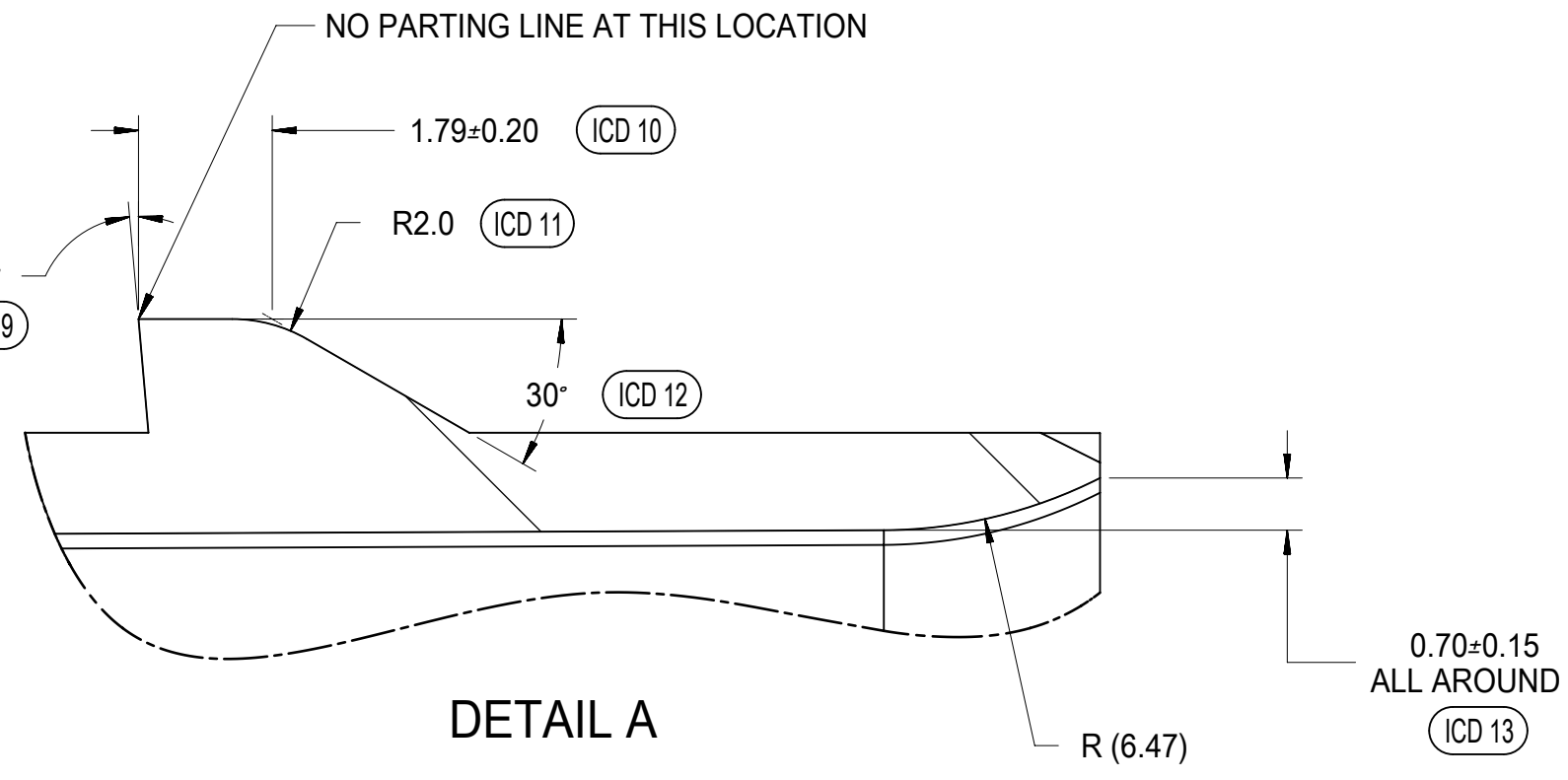
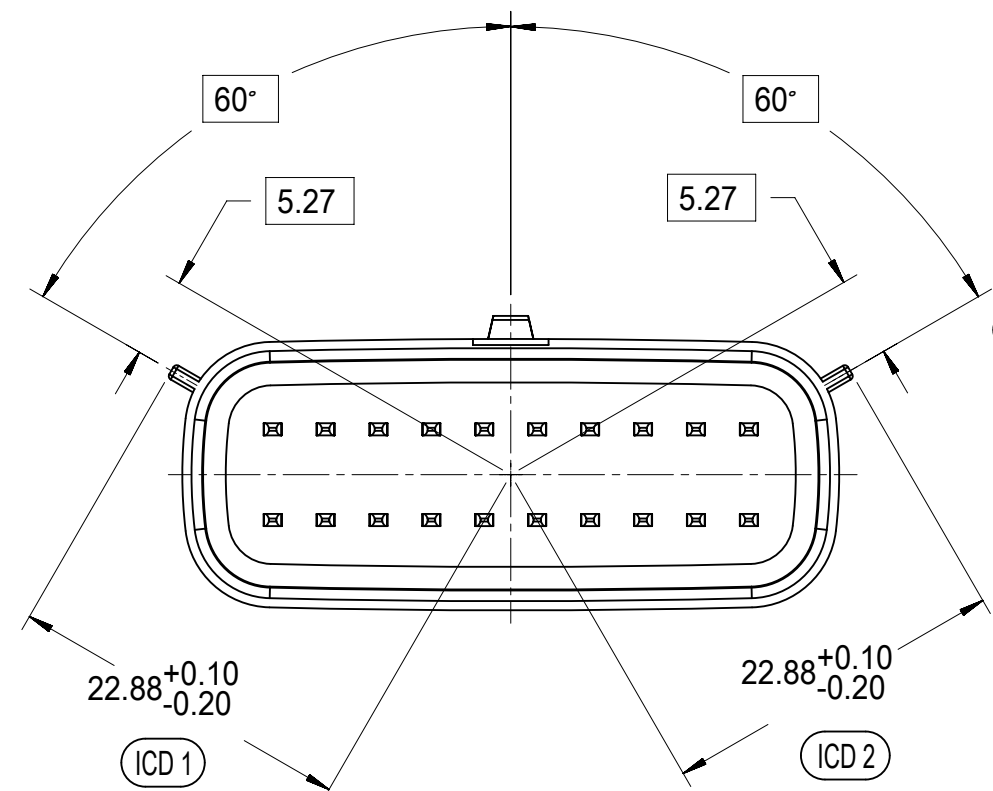
SHEET DESCRIPTION	
MOLEX BACKSHELL	



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
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	mm		3:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± 1.0 °												
	4 PLACES ±												
	3 PLACES ±												
	2 PLACES ± 0.1												
	1 PLACE ± 0.2												
	0 PLACES ±												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				A1-SIZE		33472				GENERAL MARKET		8 OF 11	

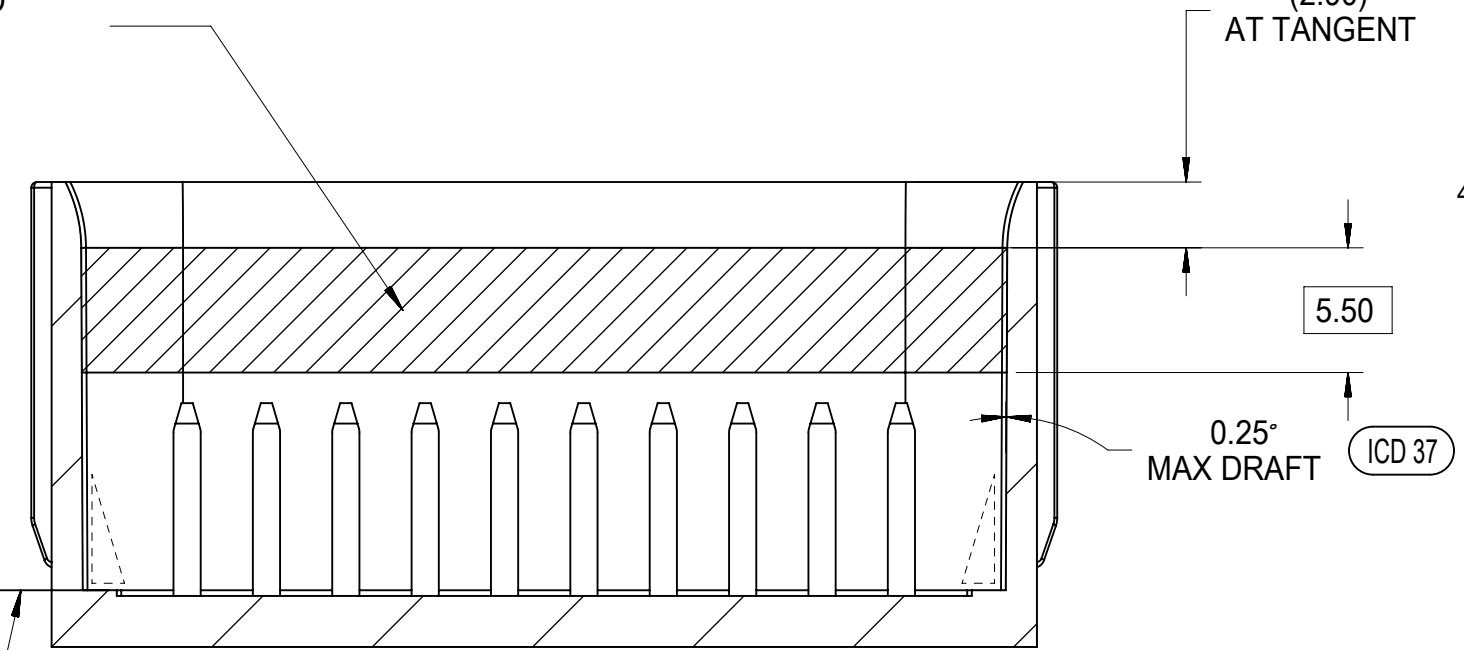
molex				
MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL				
PRODUCT CUSTOMER DRAWING				
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SD-33472-0001		PSD	001	C2

DOCUMENT STATUS	P1	RELEASE DATE	2018/02/16 22:02:25
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SURFACE MUST BE FREE OF SURFACE DEFECTS AND PARTING LINES FOR SEALING ALL AROUND

CONSTRUCTION BELOW THIS SURFACE IS NOT CONTROLLED BY EWCAP. NO PLASTIC FEATURES MAY EXTEND ABOVE THIS SURFACE.



MATING INTERFACE NOTES: VALID UNLESS OTHERWISE SPECIFIED

- GENERAL:
 - DESIGNED TO MATE WITH MOLEX CONNECTOR 33472-2XXX & 160008-0XXX & 160074-0XXX
 - A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU D) WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER PINS. REFER TO 'SAE/USCAR-12 CONNECTOR DESIGN GUIDE LINES' FOR ADDITIONAL INFORMATION
 - PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
 - FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
 - BURN RATE 100mm/MIN MAXIMUM
 - MATERIAL MUST BE SELF EXTINGUISHING
- MATERIALS:
 - MATERIAL: SPS/NYLON GF20, REGRIND 20% MAX BY WEIGHT
 - STANDARD COLORS FOR POLARIZATION (SEE KEYING OPTIONS TABLE). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON
 - FOR BLADE BASE MATERIAL, PLATING AND PROCESS LUBRICANT:
 - TIN: - BASE MATERIAL: COPPER ALLOY, CONDUCTIVITY >=60% IACS AT 20°C; TENSILE STRENGTH >= 410 N/mm² - BARRIER MATERIAL: NICKEL DEPOSIT FROM NICKEL SULFAMATE PLATING SOLUTION W/O ANY ADDITIVES THICKNESS: 1.25 - 2.25 MICROMETERS
 - TOP LAYER: 100% ELECTRO-DEPOSITED TIN, MATTE FINISH THICKNESS: 2.5 - 4.0 MICROMETERS
 - SILVER: - BARRIER MATERIAL: ELECTRO-DEPOSITED DUCTILE SULPHAMATE NICKEL THICKNESS: 1.25 - 2.25 MICROMETERS
 - TOP LAYER: ELECTRO-DEPOSITED SEMI-BRIGHT PURE SILVER (0.5% MAX IMPURITIES) OVER NICKEL ANTI-TARNISH TREATMENT EVERBRIGHT WS THICKNESS: 1.9 - 3.3 MICROMETERS
 - BLADES MUST CONFORM TO ES-40000-5007, EXCEPT FOR SPECULAR REFLECTIVITY - SECTION 6.0
 - ANY PROCESS LUBRICANT REMAINING ON THE TERMINAL MUST NOT VARNISH OR DEGRADE ITS ELECTRICAL PERFORMANCE UP TO A MAXIMUM CLASS AMBIENT TEMPERATURE PER SAE USCAR-2 FOR 1008 HOURS, PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER
 - INFORMATION FOR BLADE DESIGN WAS DEVELOPED FROM EWCAP DWG: EWCAP-001
- GEOMETRY:
 - THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - GENERAL TOLERANCES: SEE TITLE BLOCK
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- MANUFACTURING:
 - DRAFT TO BE WITHIN TOLERANCE. PLUS DRAFT - INDICATES A DIMENSION REPRESENTS THE SMALLEST SIZE OF A FEATURE. DRAFT WILL ADD MATERIAL. MINUS DRAFT - INDICATES A DIMENSION REPRESENTS THE LARGEST SIZE OF A FEATURE. DRAFT WILL REMOVE MATERIAL.
 - ALLOWABLE FLASH MAX 0.20 HIGH BY MAX 0.13 THICK.
 - ALLOWABLE SPLIT/PARTING LINE MISMATCH 0.2 MAX.
 - VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
 - NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING
 - NO PARTING LINES, NO DRAFT, MISMATCHES OR EJECTOR MARKS PERMISSIBLE WITHIN SEALING SURFACE. SEALING SURFACE TOOLING TO BE PROCESSED

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:						molex MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL					
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 171650 DRWN: DDEB 2018/01/19 CHK'D: MVANSLAMBROU 2018/02/16 APPR: MVANSLAMBROU 2018/02/16						PRODUCT CUSTOMER DRAWING							
ANGULAR TOL ± 1.0°															
4 PLACES ±															
3 PLACES ±		INITIAL REVISION: DRWN: APROFFITT 2014/05/14 APPR: VKOSHY 2014/06/27						DOCUMENT NUMBER SD-33472-0001		DOC TYPE PSD	DOC PART 001	REVISION C2			
2 PLACES ± 0.1															
1 PLACE ± 0.2															
0 PLACES ±		THIRD ANGLE PROJECTION		DRAWING A1-SIZE		SERIES 33472		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 11 OF 11			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															

150-S-020-2-D02	D	STONE GRAY
150-S-020-2-C02	C	DK GRAY
150-S-020-2-B02	B	LT GRAY
150-S-020-2-A02	A	BLACK
P/N	OPTION	MATING CONNECTOR COLOR

DOCUMENT STATUS	P1	RELEASE DATE	2018/02/16	22:02:25
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