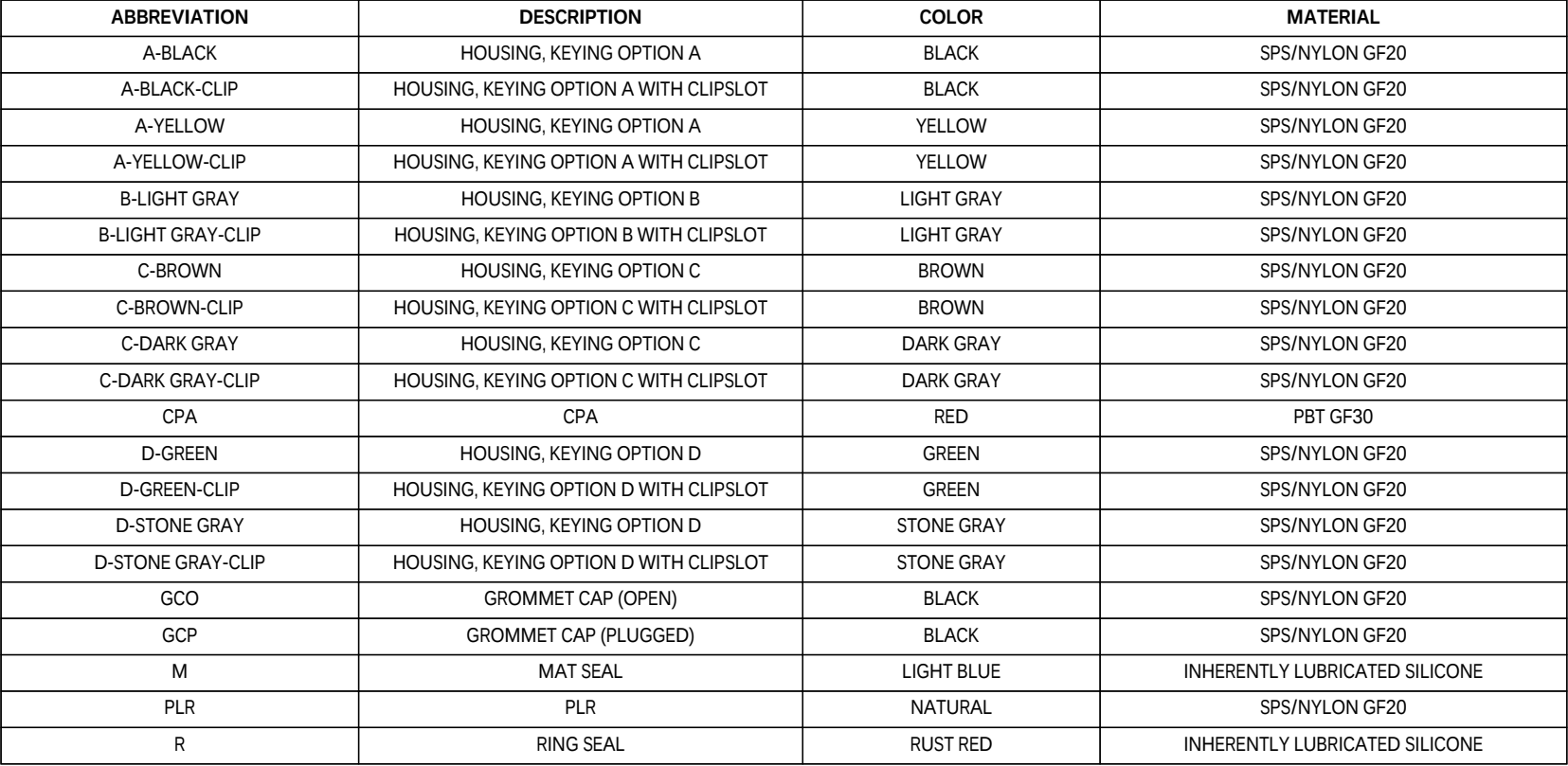


[illegible]



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 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	-	-				

SHEET DESCRIPTION
CONFIGURATIONS

SHEET DESCRIPTION
CONFIGURATIONS

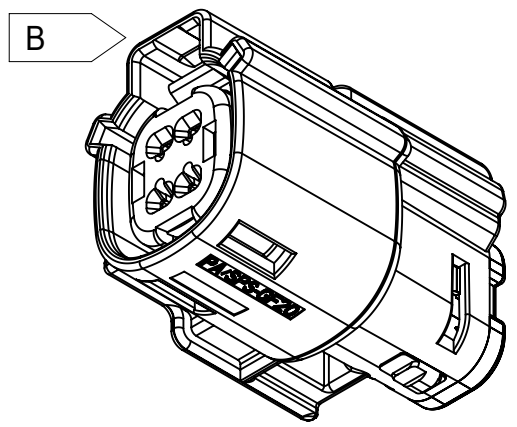
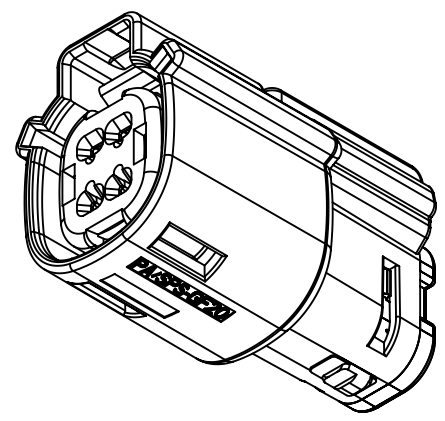
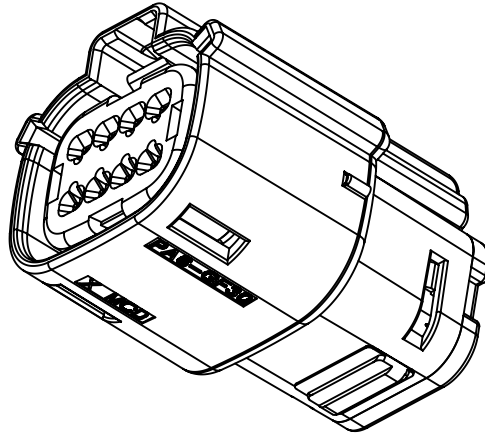
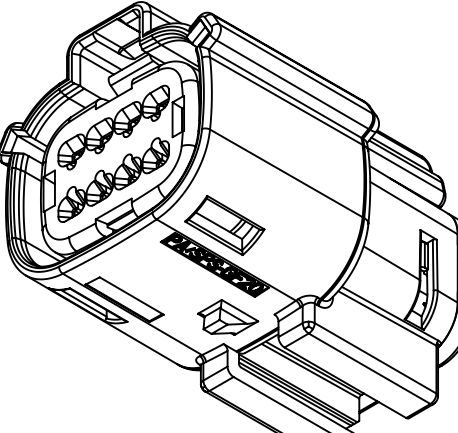
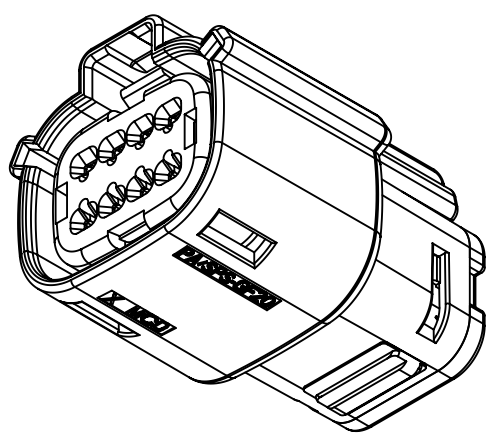
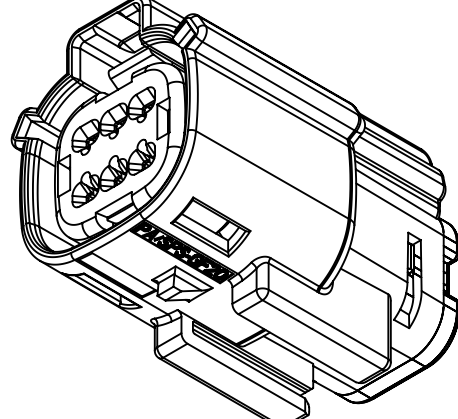
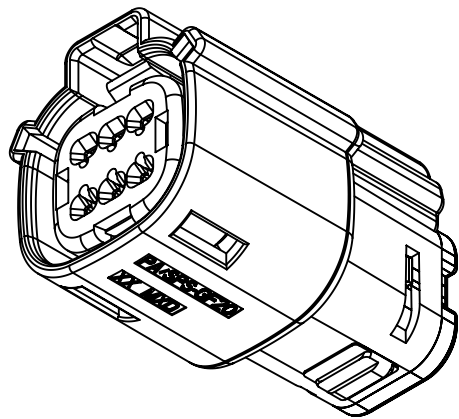
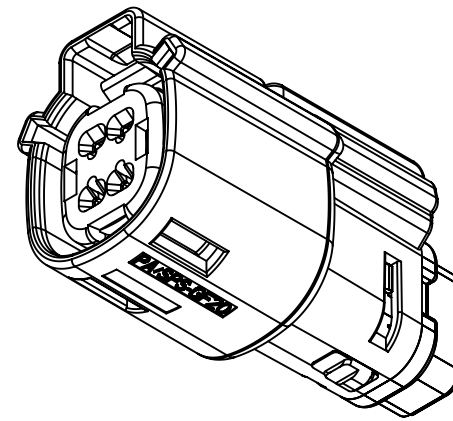
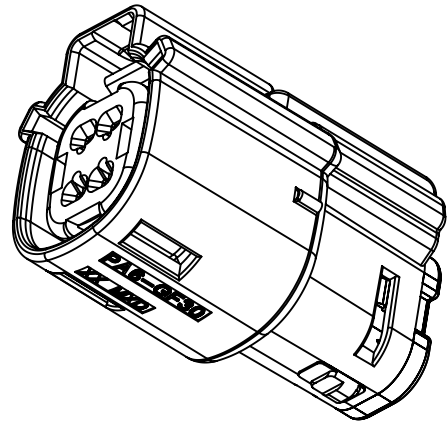
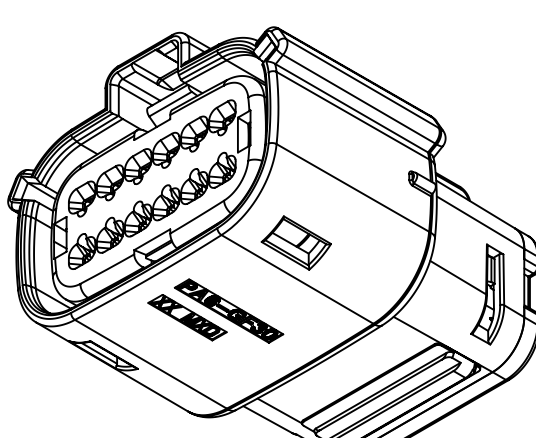
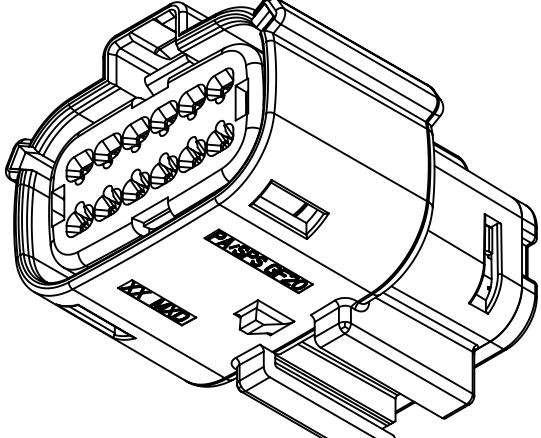
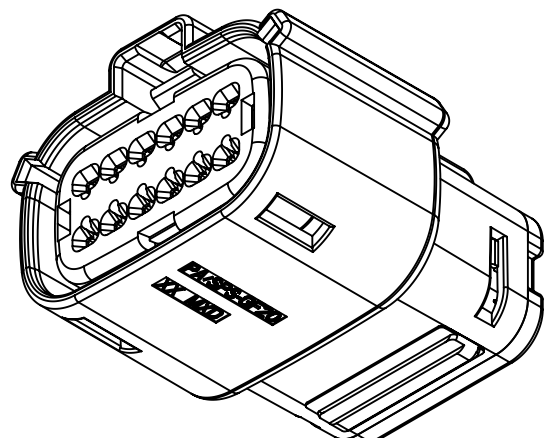
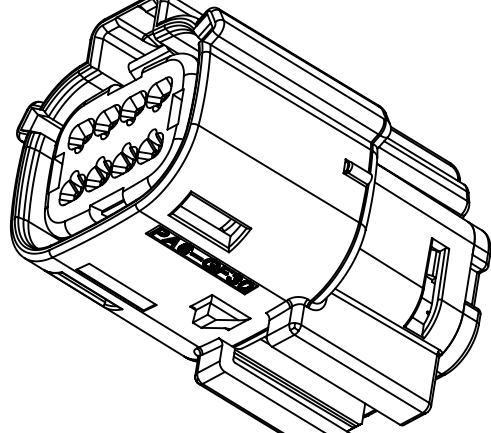


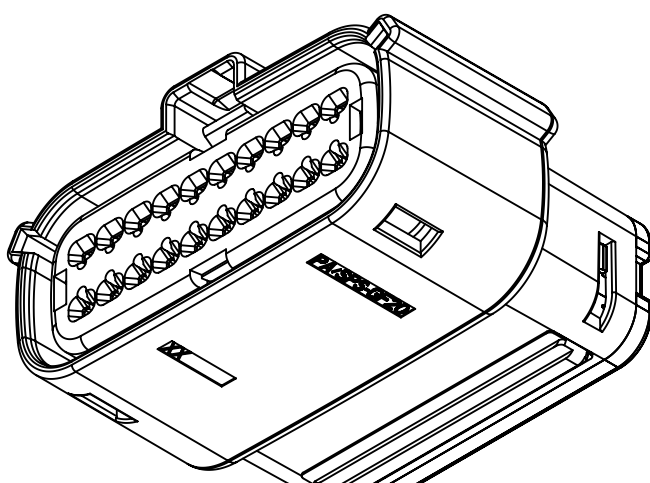
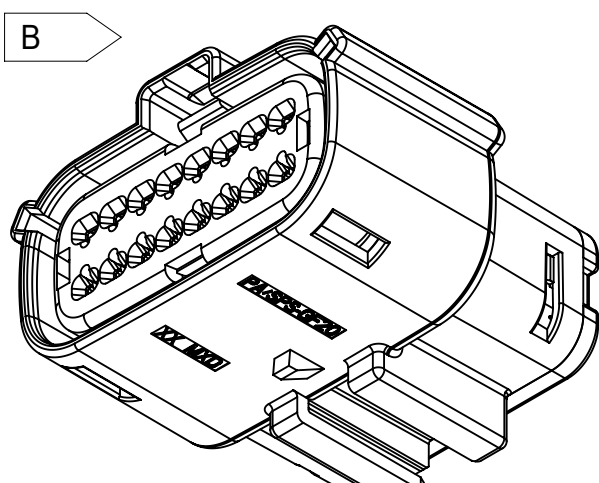
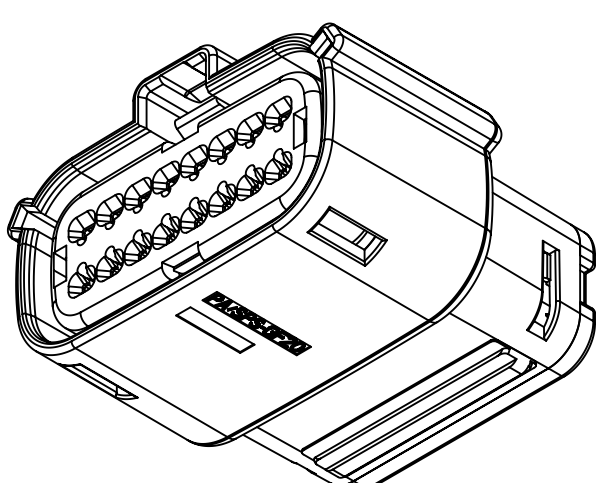
Diagram B shows the rear of the device, highlighting the mounting bracket and the 'HARVESTOR' label.



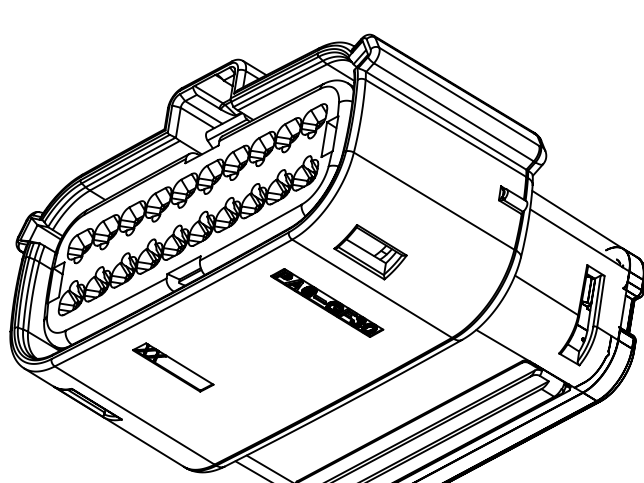
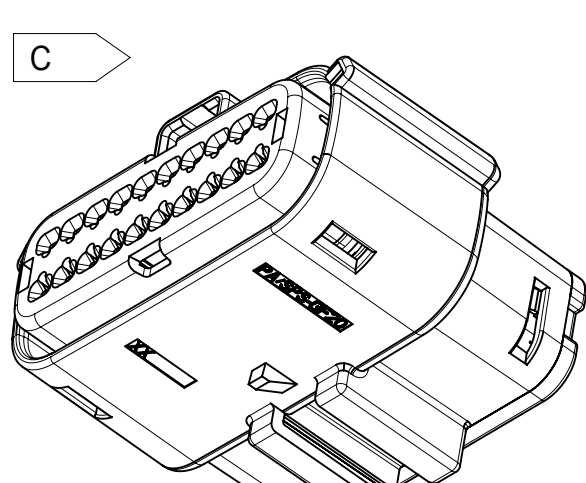
This diagram shows the front cover assembly, which includes a top plate with a handle and a bottom plate with a latch mechanism. The assembly is shown in an exploded view, indicating its position relative to the main device body.



A line drawing showing the rear of the device. It features a large, multi-pin connector port on the left side, a small rectangular component in the center, and a label with the text "PCE-100" and "PCE-100" below it.



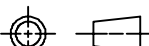
This diagram shows the front panel assembly in an exploded view. The main components are the front panel (1), the bezel (2), and the internal components (3). The bezel is shown with the front panel attached, and the internal components are shown below the bezel. The front panel has a large rectangular opening for the display and a smaller opening for the touch sensor. The bezel has a large rectangular opening for the display and a smaller opening for the touch sensor. The internal components include the display panel, touch sensor, and other electronic components.



* WITH CLIPSLOT CONFIGURATION DOES NOT MEET THE USCAR PACKAGING FRAME REQUIREMENTS

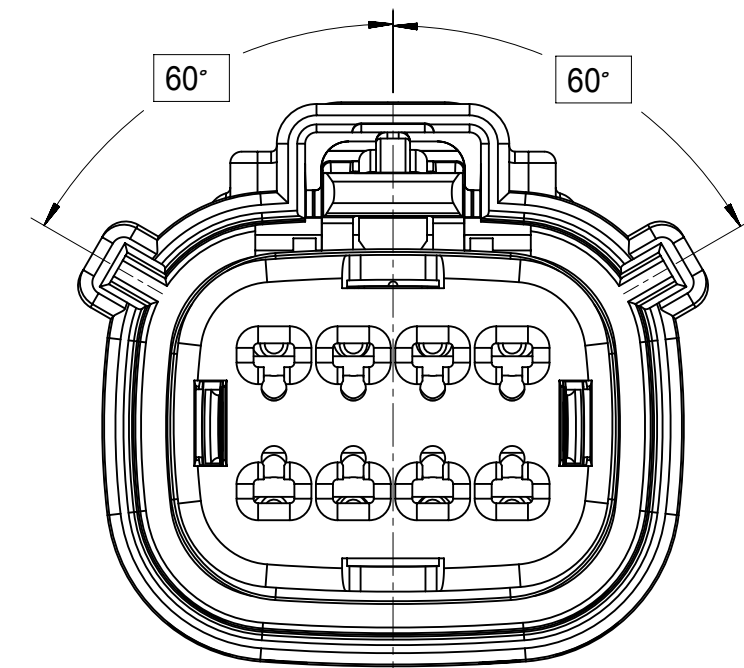
† MINOR GEOMETRY DIFFERENCE THAN STANDARD CONFIGURATION

SEE NOTES 1a & 2a-b FOR MORE INFORMATION

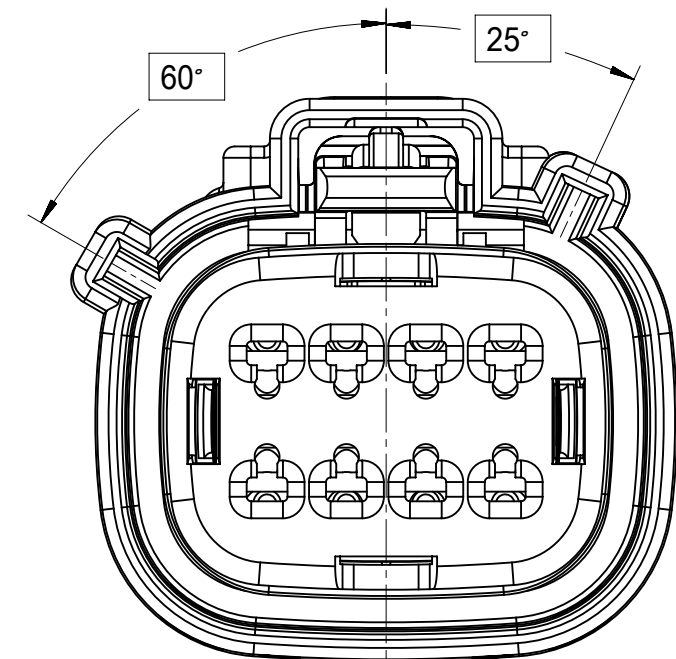
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
		mm		1:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 171650				MX150 RCPT DUAL ROW SEAL ASSEMBLY MAT SEAL							
		ANGULAR TOL ± 1.0°															
		4 PLACES		±		DRWN: DDEB 2018/01/19				PRODUCT CUSTOMER DRAWING							
		3 PLACES		±		CHK'D: MVANSLAMBROU 2018/02/16											
		2 PLACES		± 0.1		APPR: MVANSLAMBROU 2018/02/16				INITIAL REVISION:							
		1 PLACE		± 0.2		DRWN: APROFFITT 2014/05/14											
		0 PLACES		±		APPR: VKOSHY 2014/06/27				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		2 OF 11	

KEY CONFIGURATIONS

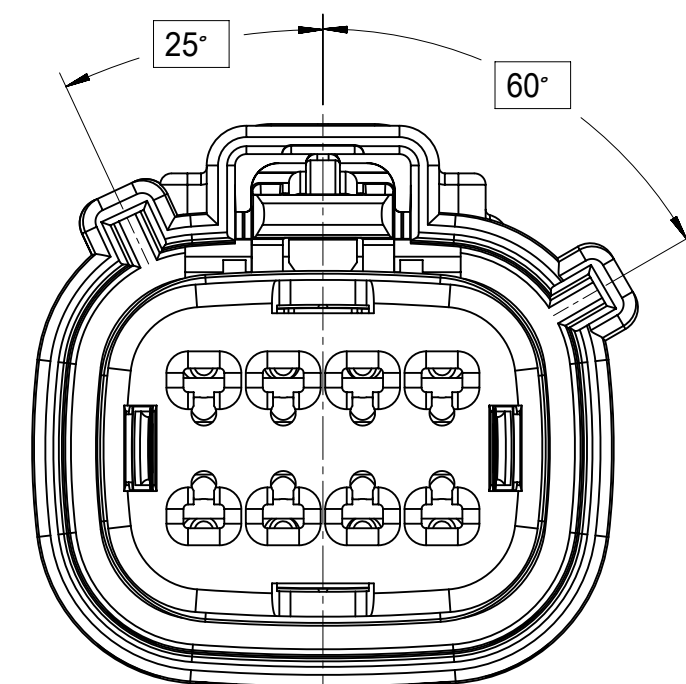
2X4



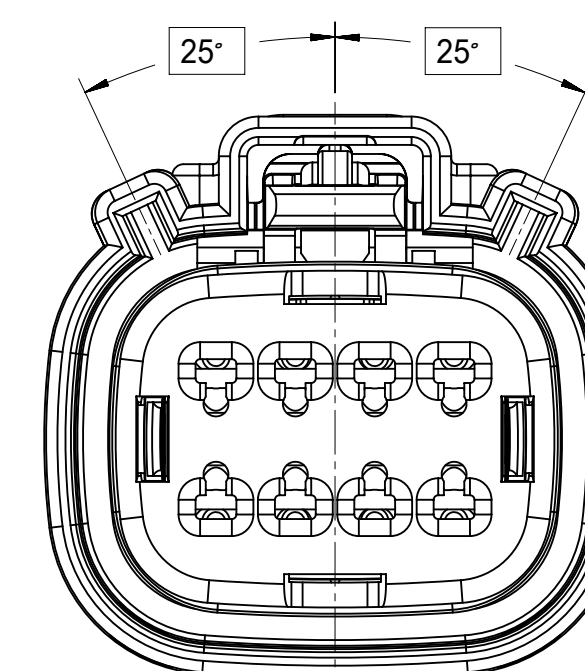
KEY A



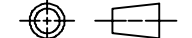
KEY B



KEY C



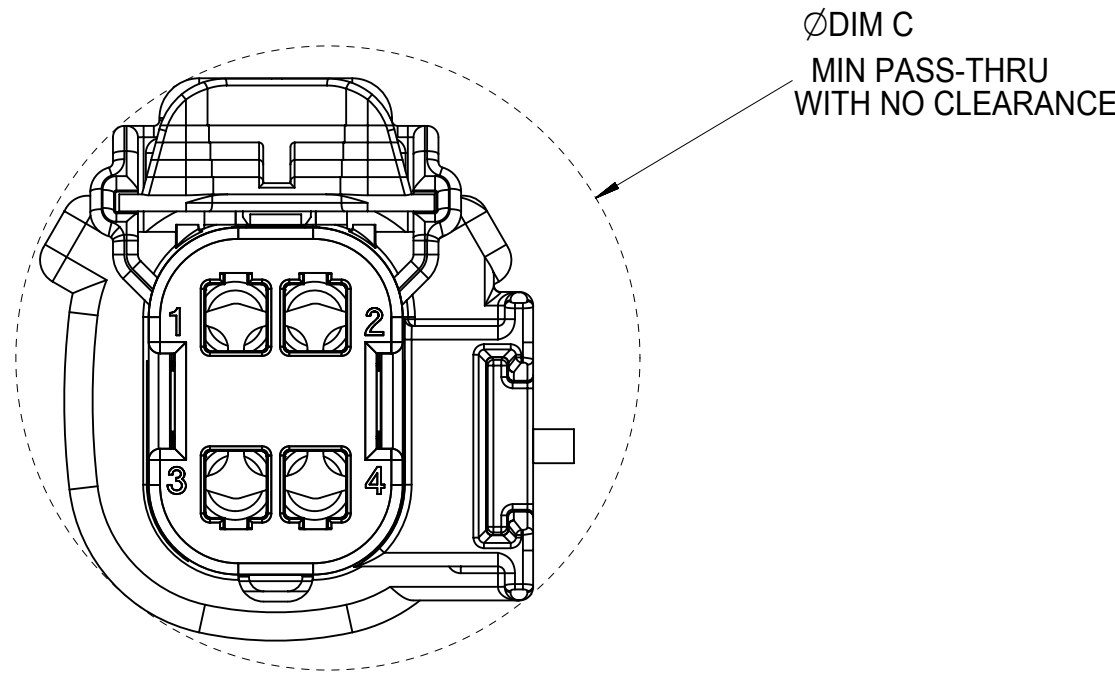
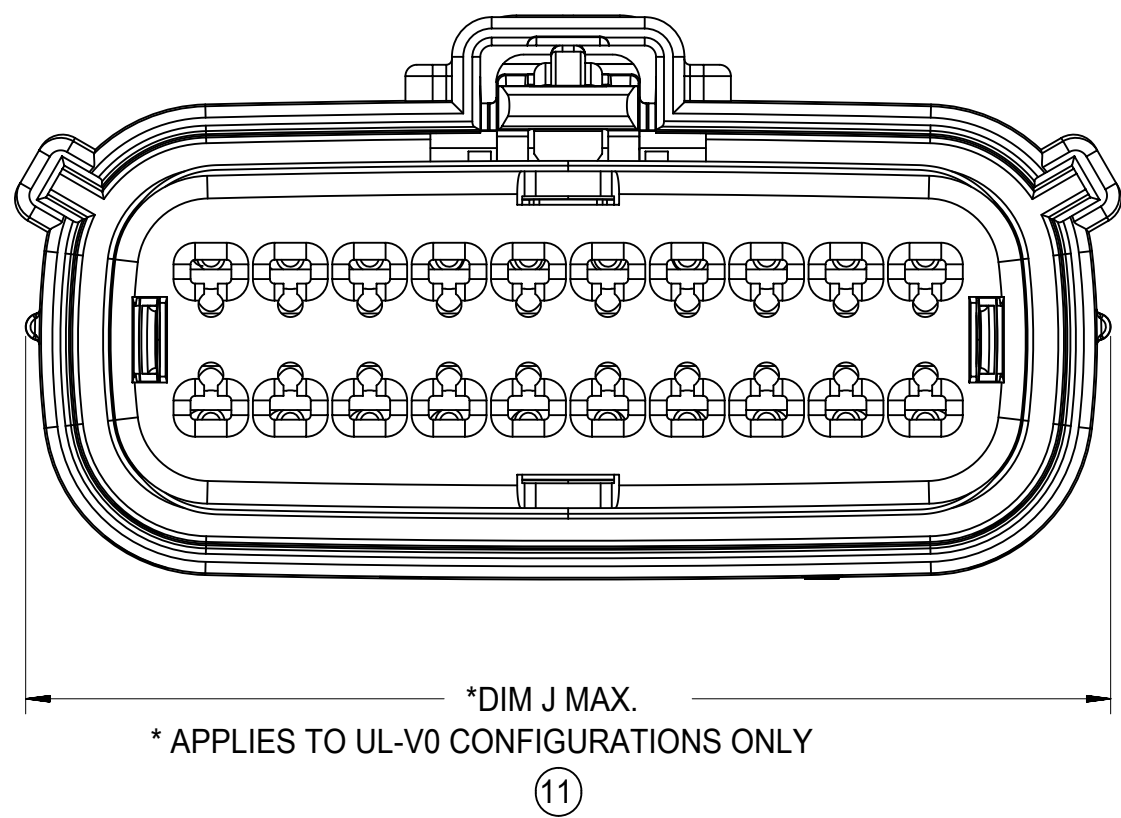
KEY D

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 171650 DRWN: DDEB 2018/01/19 CHK'D: MVANSLAMBROU 2018/02/16 APPR: MVANSLAMBROU 2018/02/16				molex			
	= 0	mm		1:1									
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	= 0	ANGULAR TOL ± 1.0 °											
	= 0	4 PLACES		±		INITIAL REVISION: DRWN: APROFFITT 2014/05/14 APPR: VKOSHY 2014/06/27				PRODUCT CUSTOMER DRAWING			
	= 0	3 PLACES		±									
	= 0	2 PLACES		± 0.1									
	= 0	1 PLACE		± 0.2									
	= 0	0 PLACES		±		THIRD ANGLE PROJECTIONDRAWINGSERIES A1-SIZE33472				MATERIAL NUMBERCUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 11	
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

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

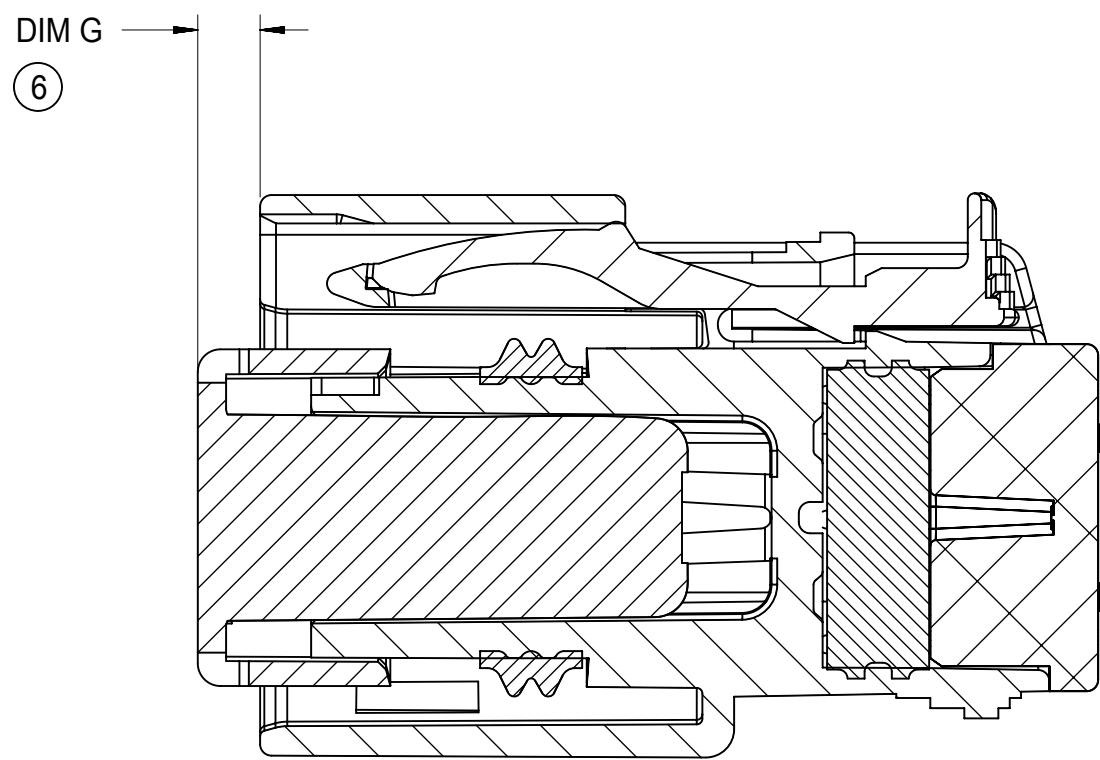
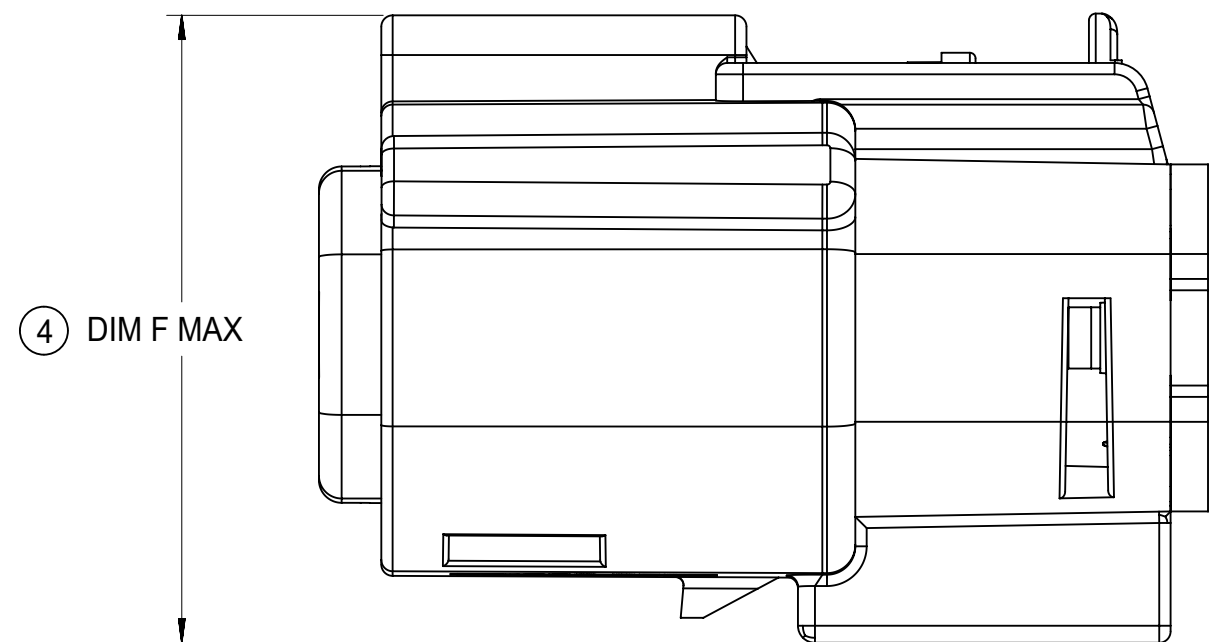
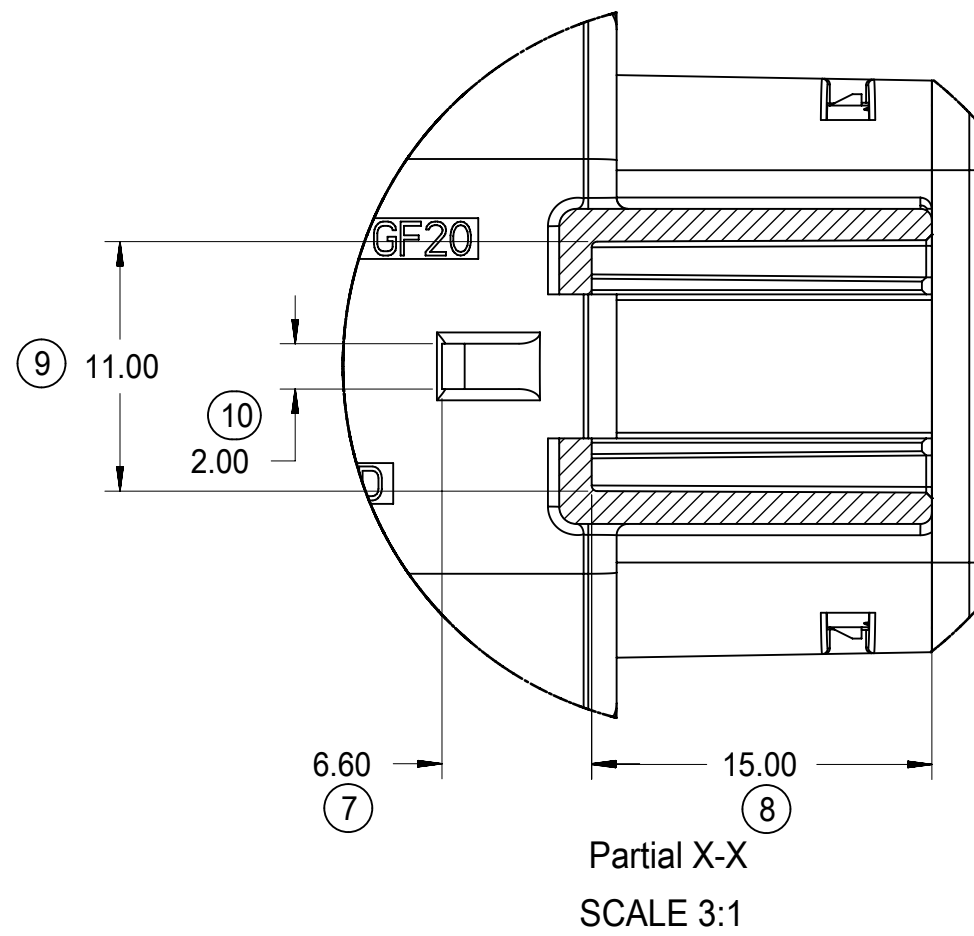
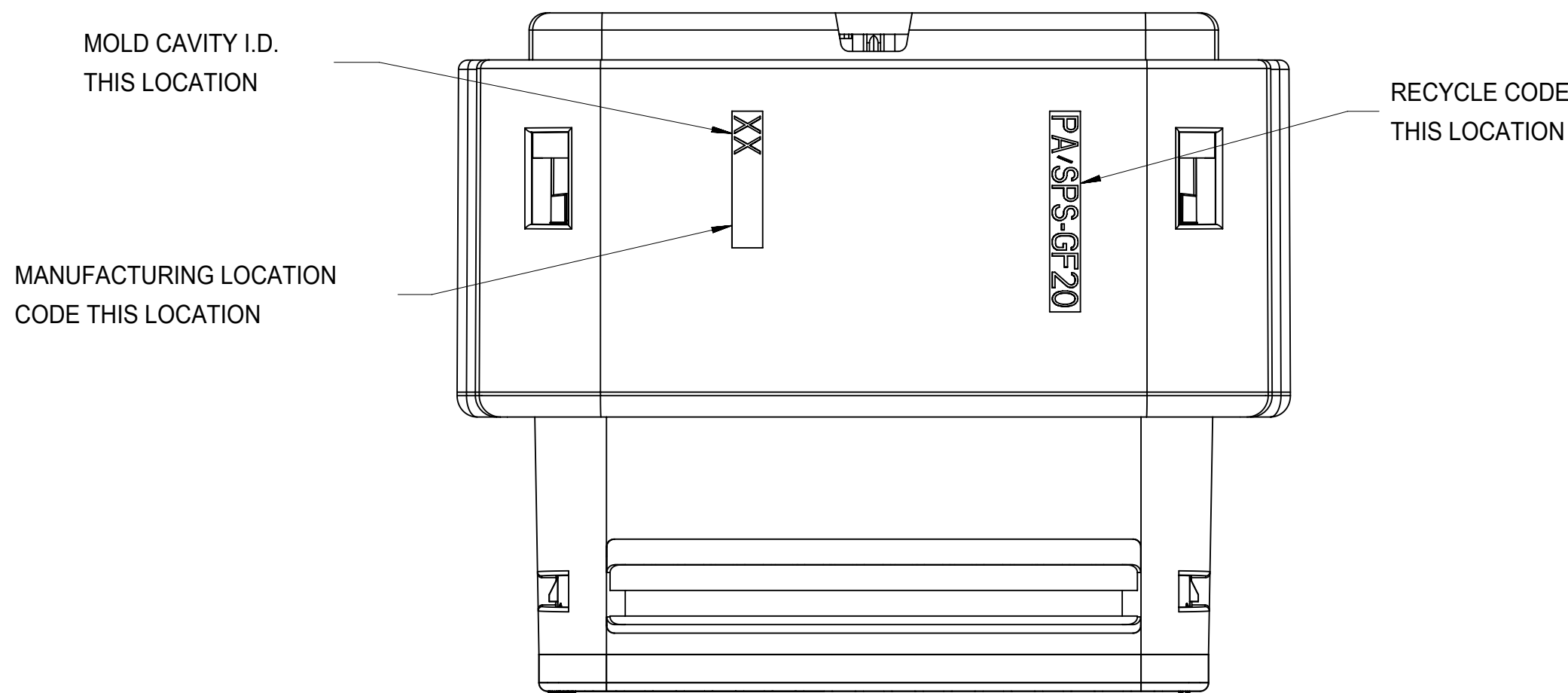
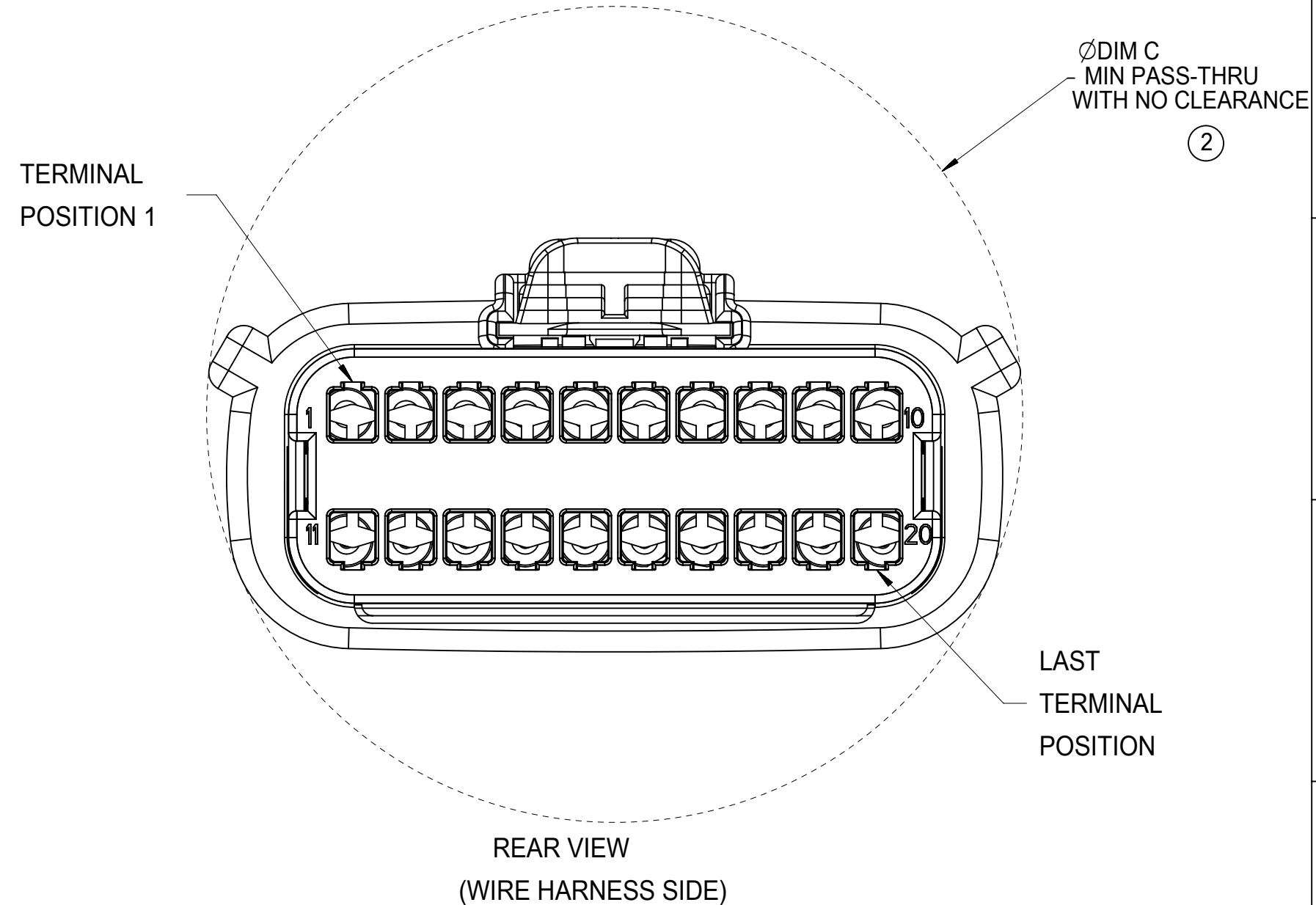
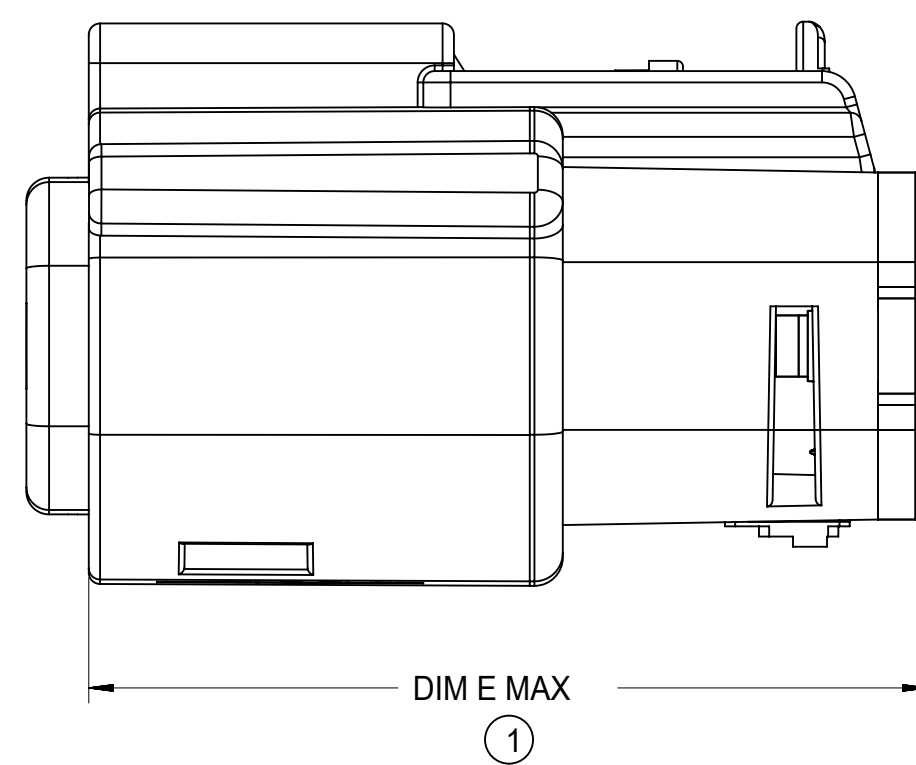
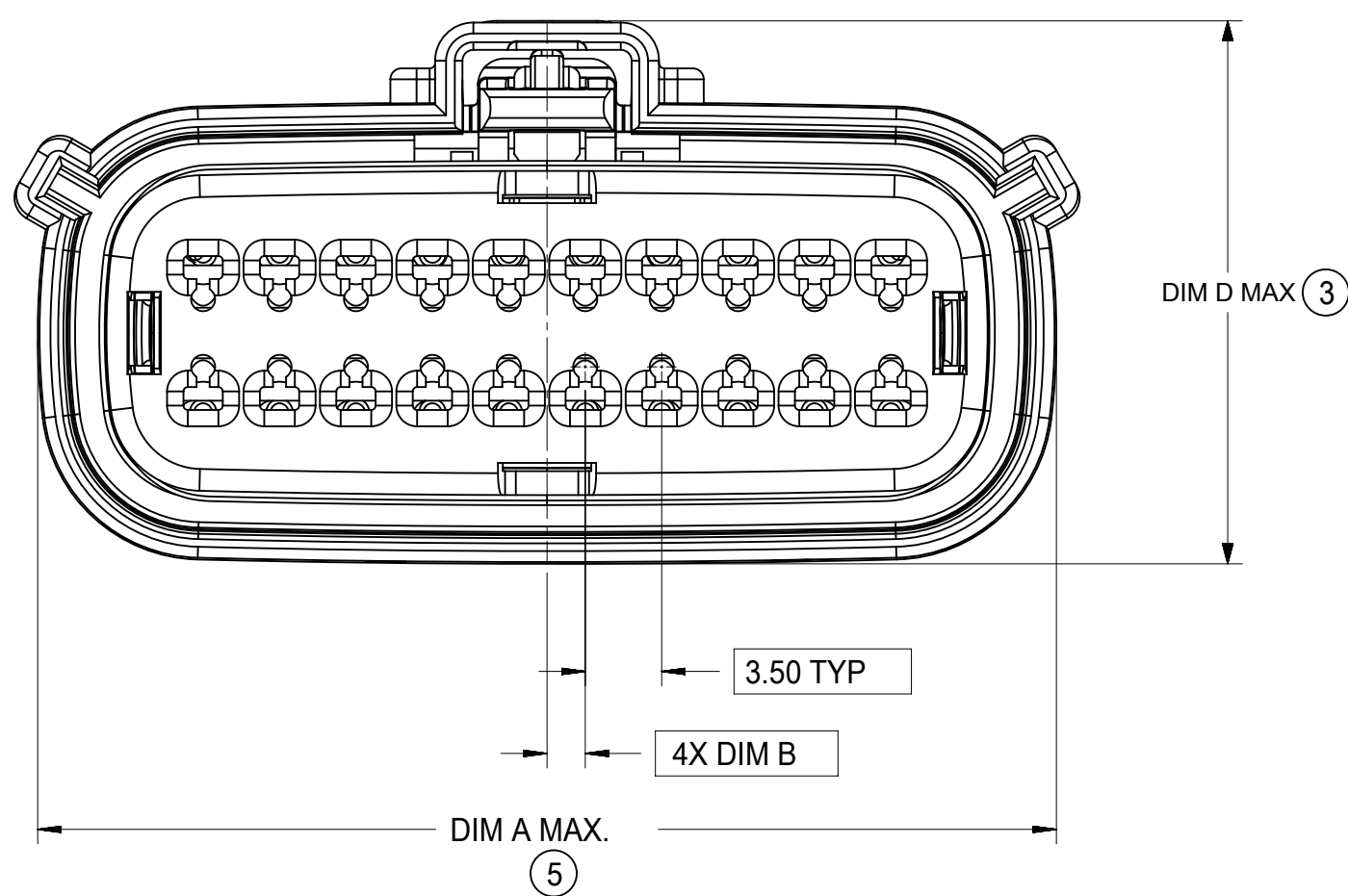
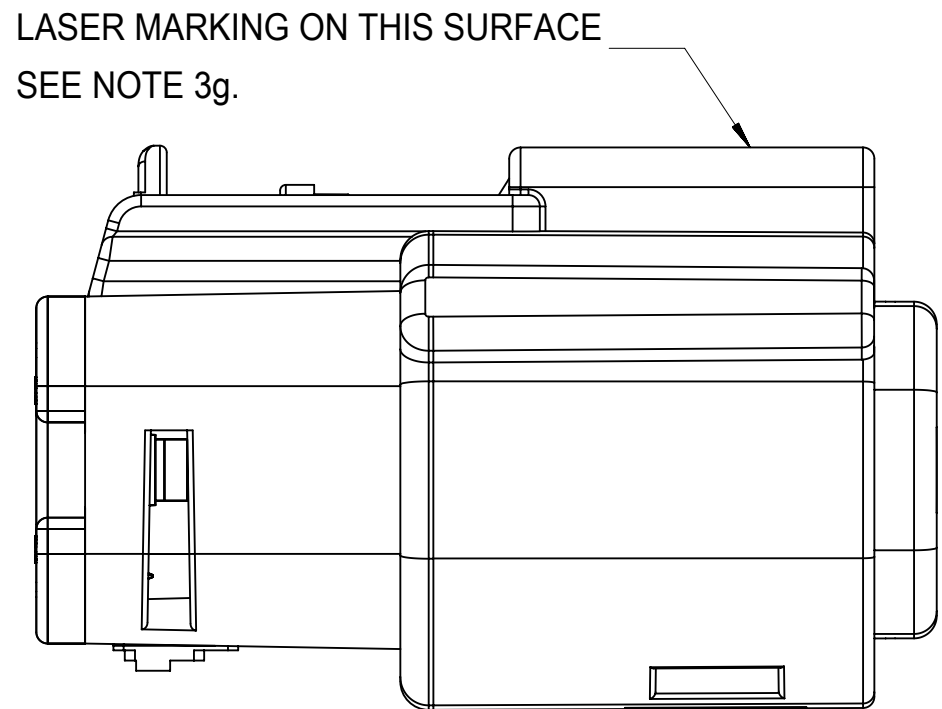
SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY



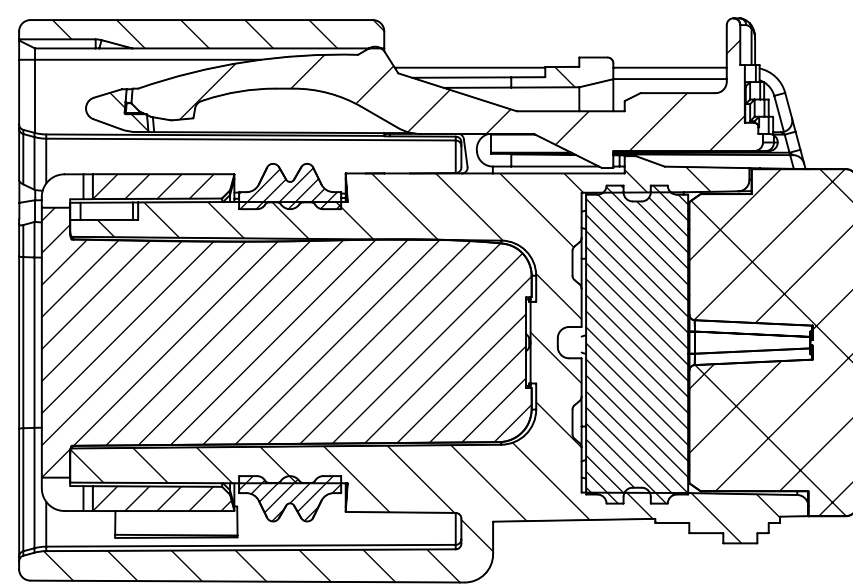
B APPLIES TO 2X2 - STD. - WITH CLIPSLOT ONLY

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



SECTION Z-Z

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	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 INITIAL REVISION: DRWN: APROFFITT 2014/05/14 APPR: VKOSHY 2014/06/27								PRODUCT CUSTOMER DRAWING			
	ANGULAR TOL ± 1.0 °															
	4 PLACES		±					DOCUMENT NUMBER SD-33472-0001					DOC TYPE	DOC PART	REVISION	
	3 PLACES		±										PSD	001	C2	
	2 PLACES		± 0.1					MATERIAL NUMBER					CUSTOMER GENERAL MARKET			SHEET NUMBER 5 OF 11
	1 PLACE		± 0.2													
	0 PLACES		±		THIRD ANGLE PROJECTION					DRAWING A1-SIZE		SERIES 33472				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															

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

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

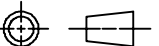
MX150 CIRCUIT SIZE 04, 06, 08, 12, 16, 20

RECEPTACLE SEALED ASSEMBLY

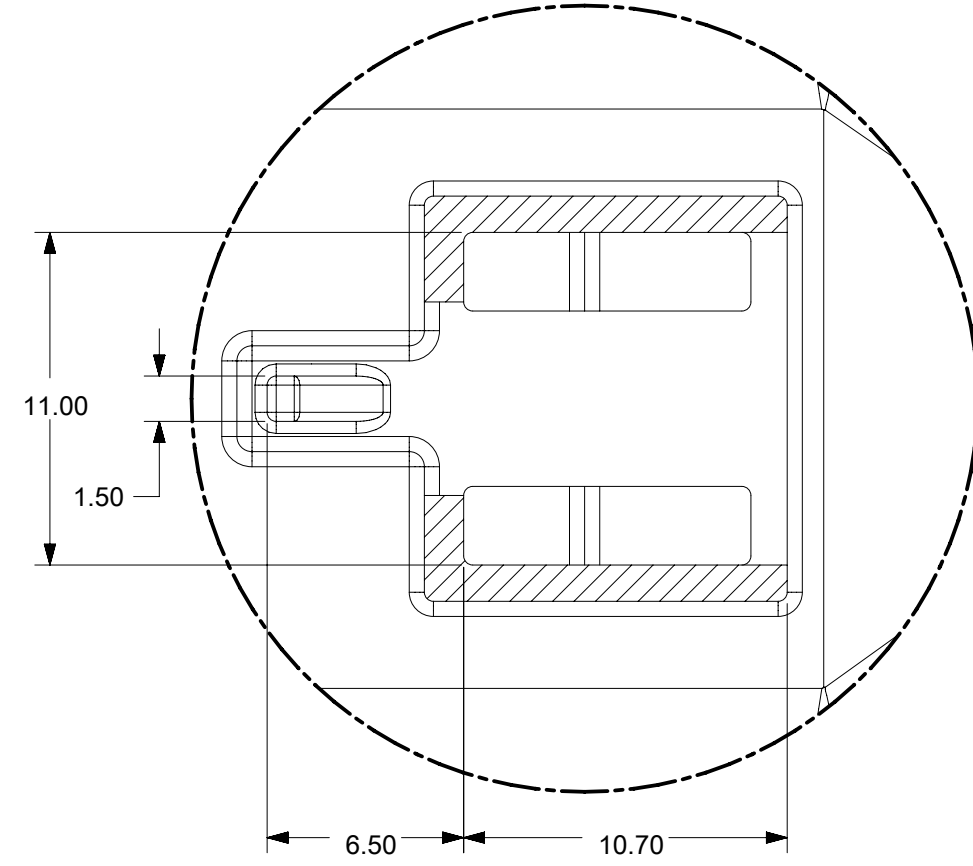
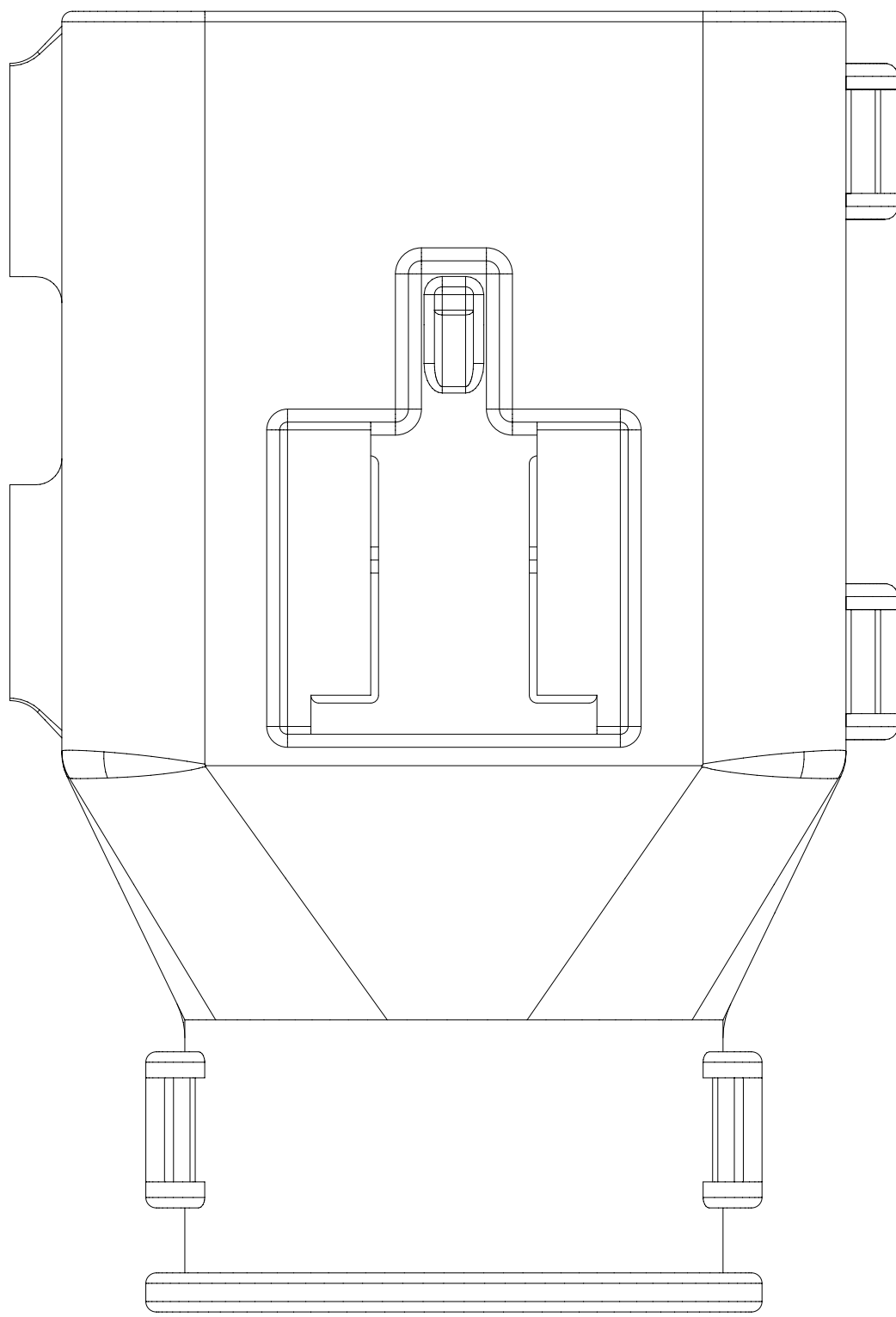
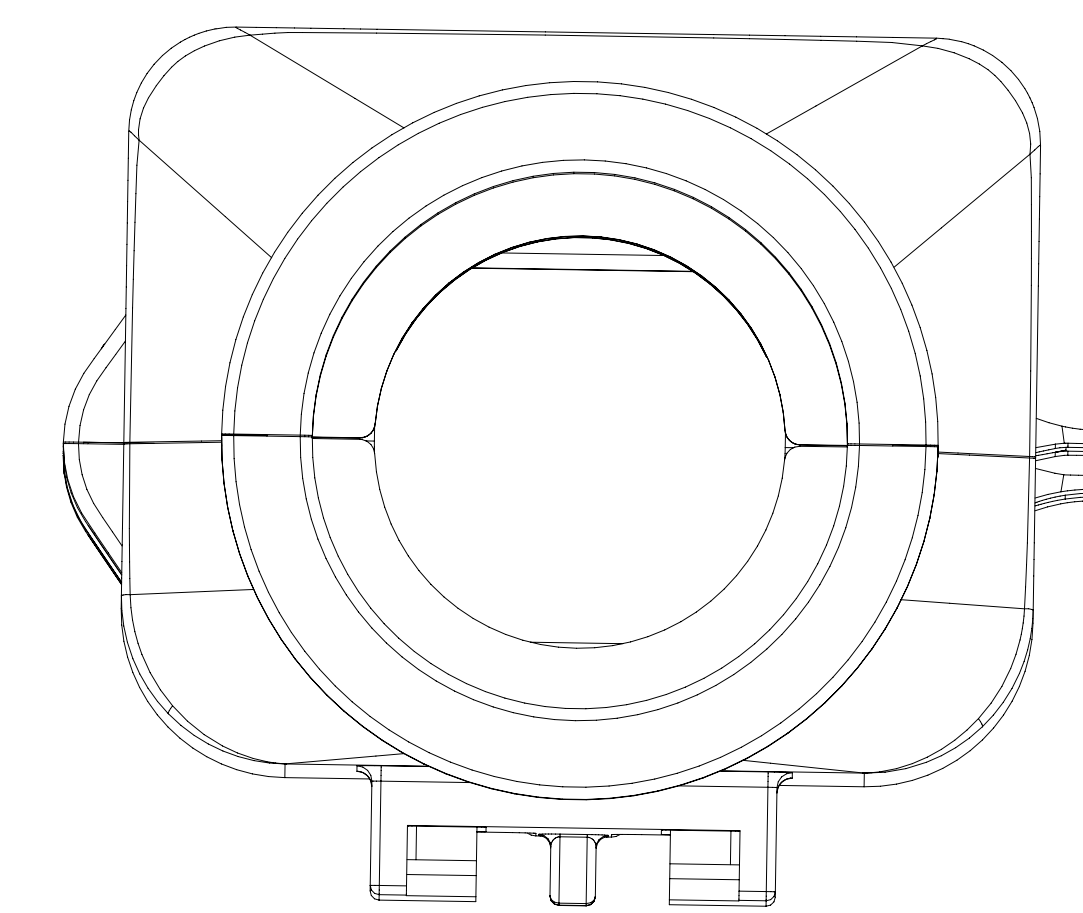
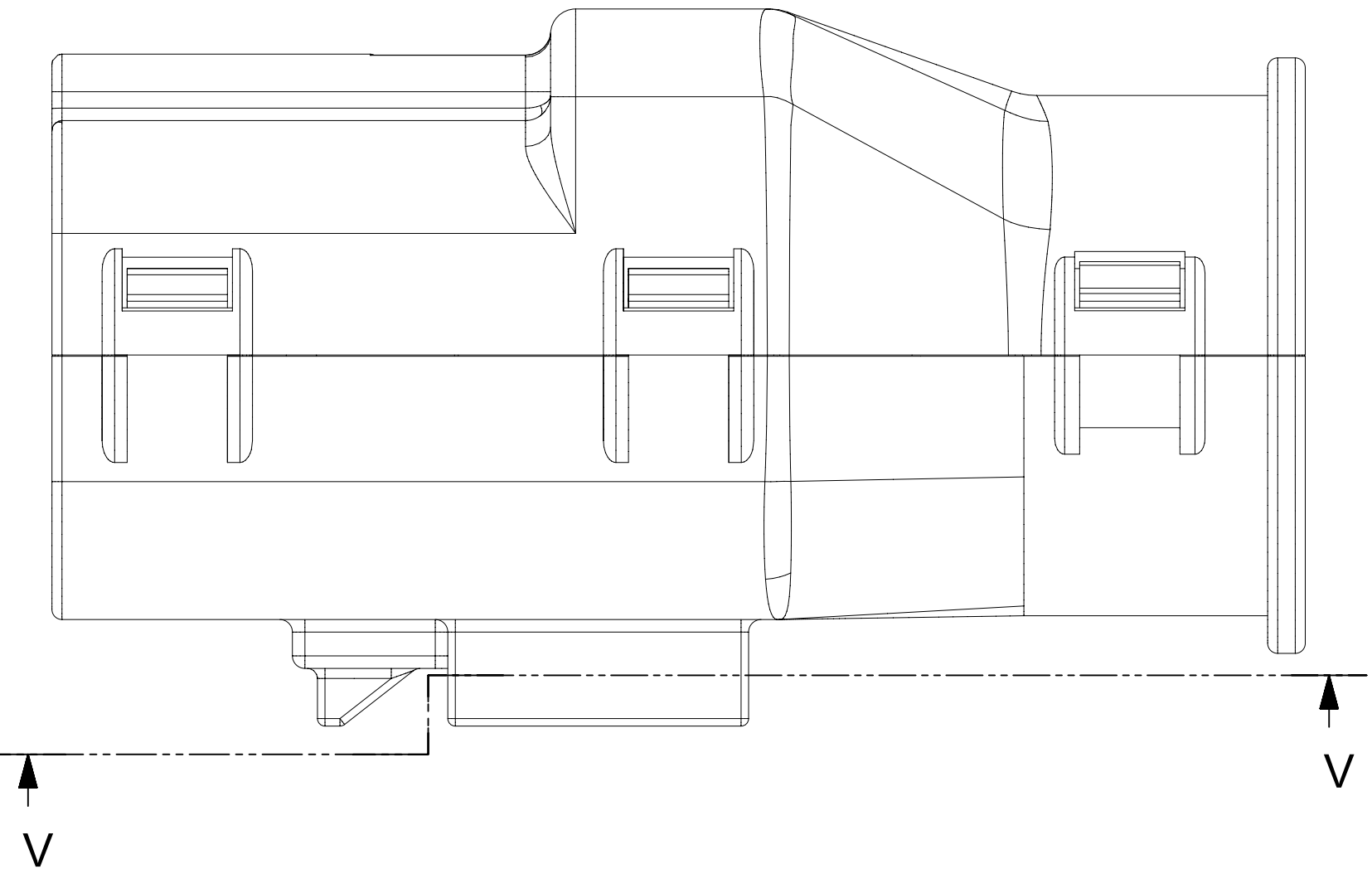
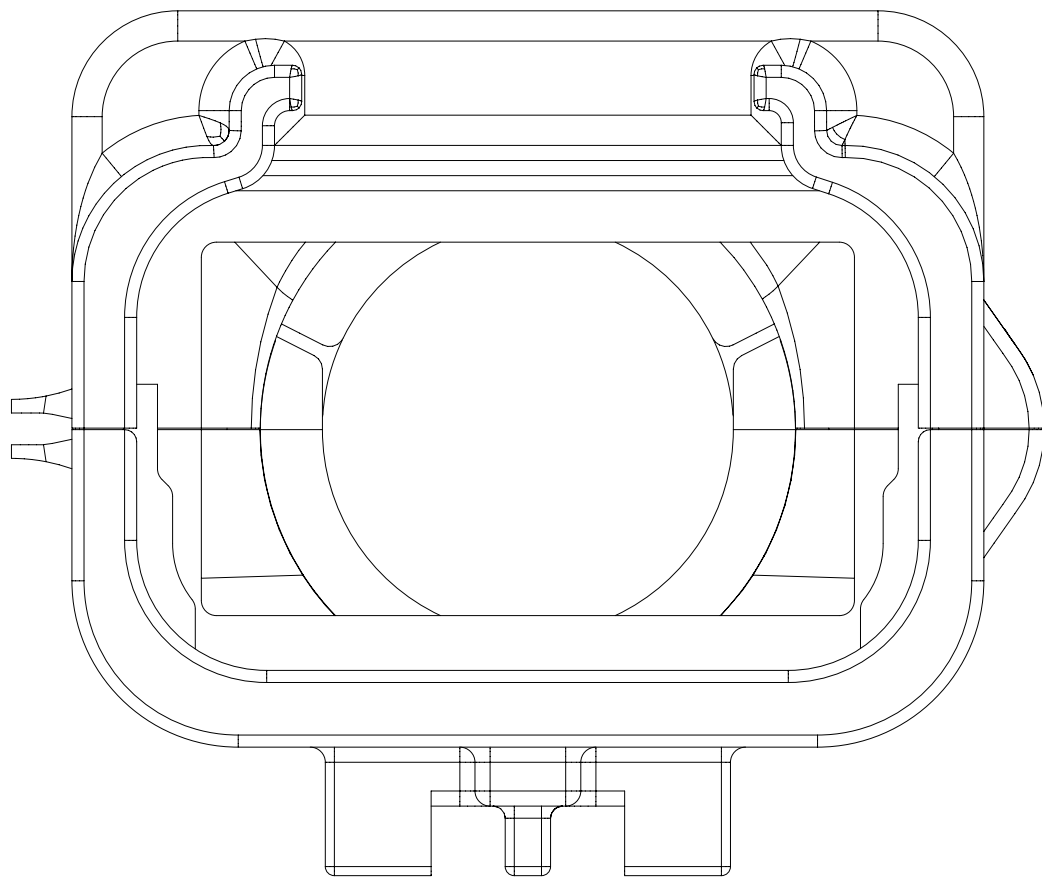
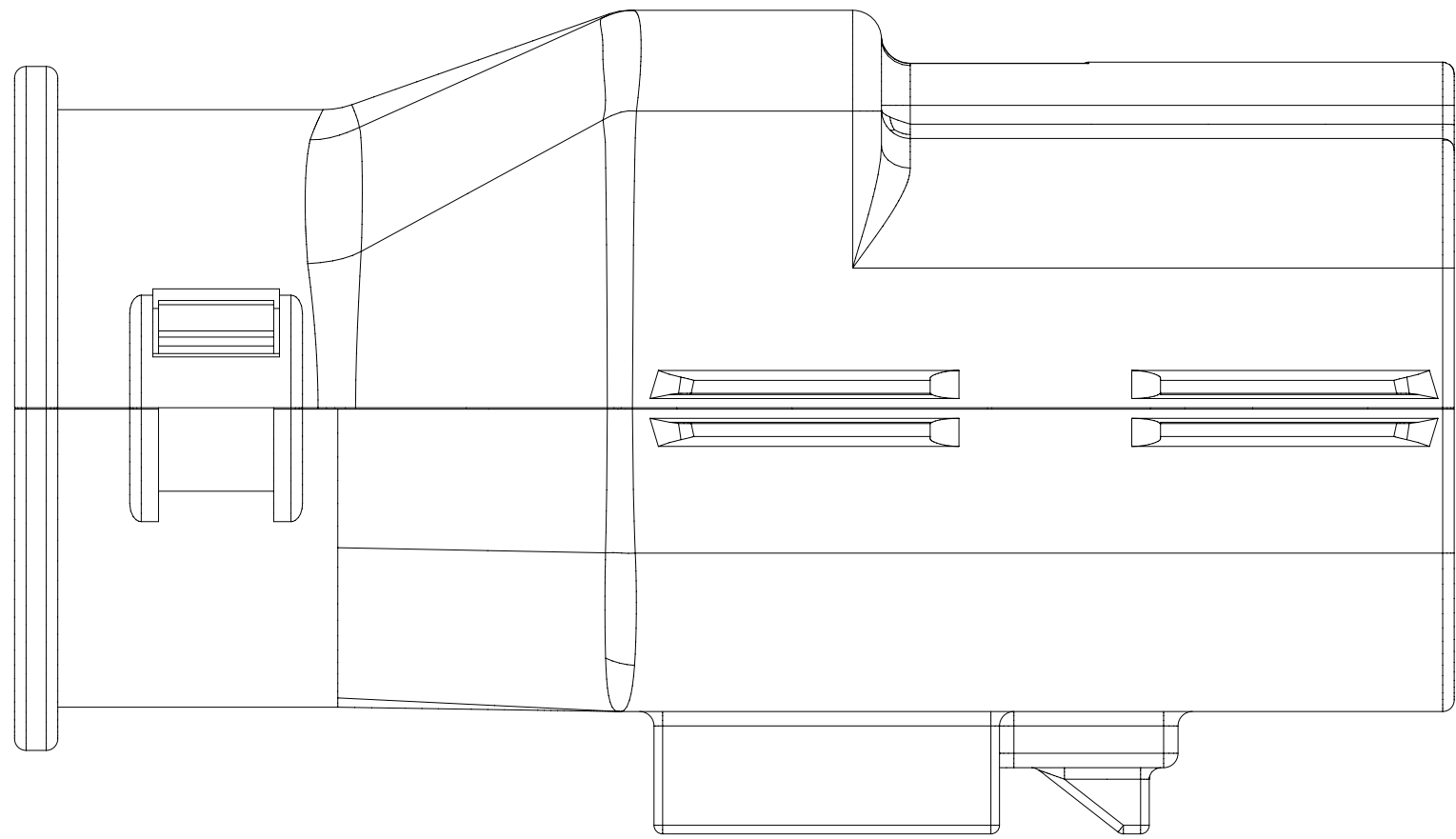
BACKSHELL (BKS)

SCALE 2:1

90° ADAPTOR

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: 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			molex MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL							
	mm		1.5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL		± 1.0 °												
	4 PLACES		±												
	3 PLACES		±					PRODUCT CUSTOMER DRAWING							
	2 PLACES		± 0.1												
	1 PLACE		± 0.2												
	0 PLACES		±												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION									DRAWING		SERIES	
				A1-SIZE		33472		SD-33472-0001		PSD		001		C2	
								MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										GENERAL MARKET				6 OF 11	

SHEET DESCRIPTION	
SCHLEMMER BACKSHELL	

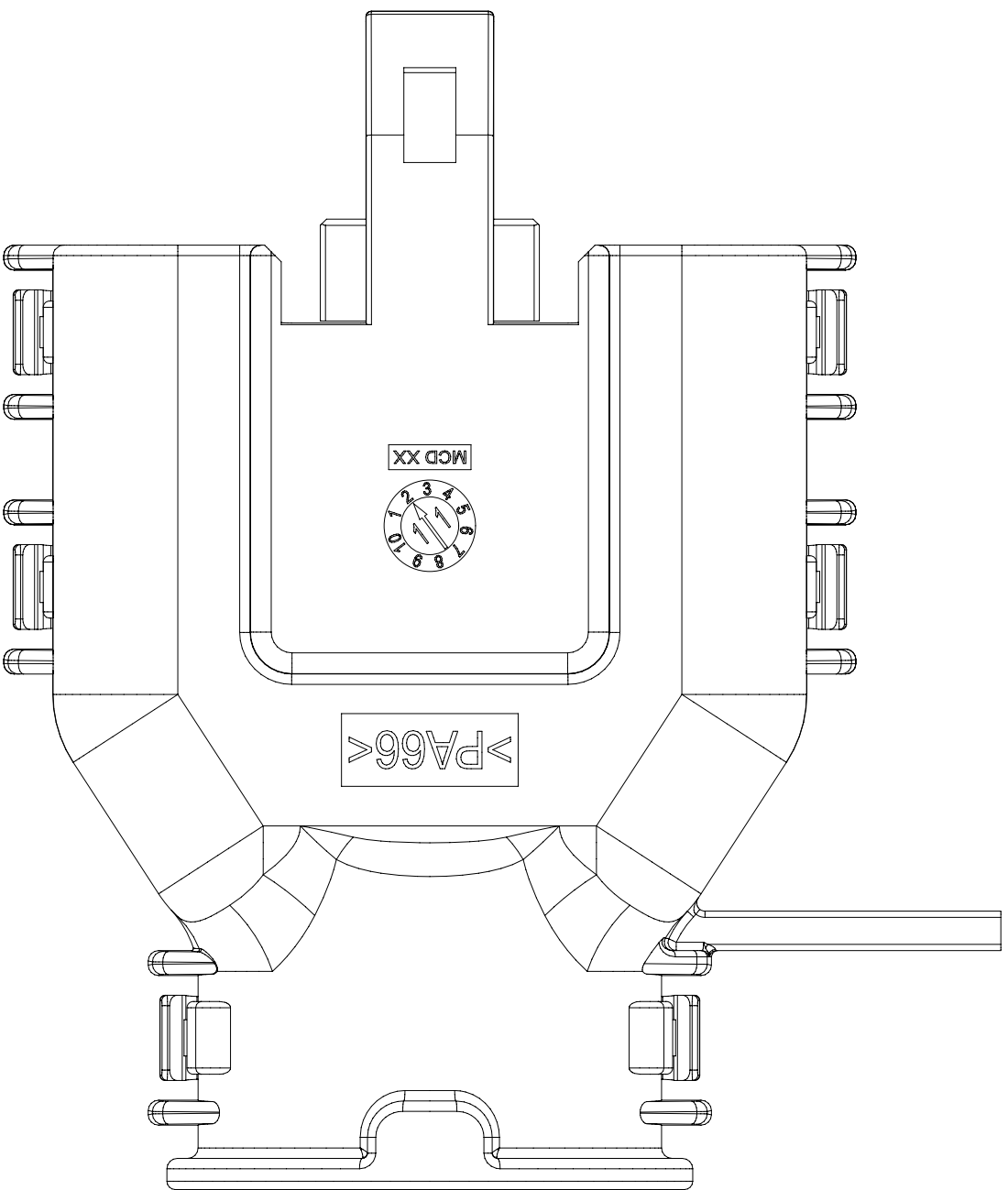
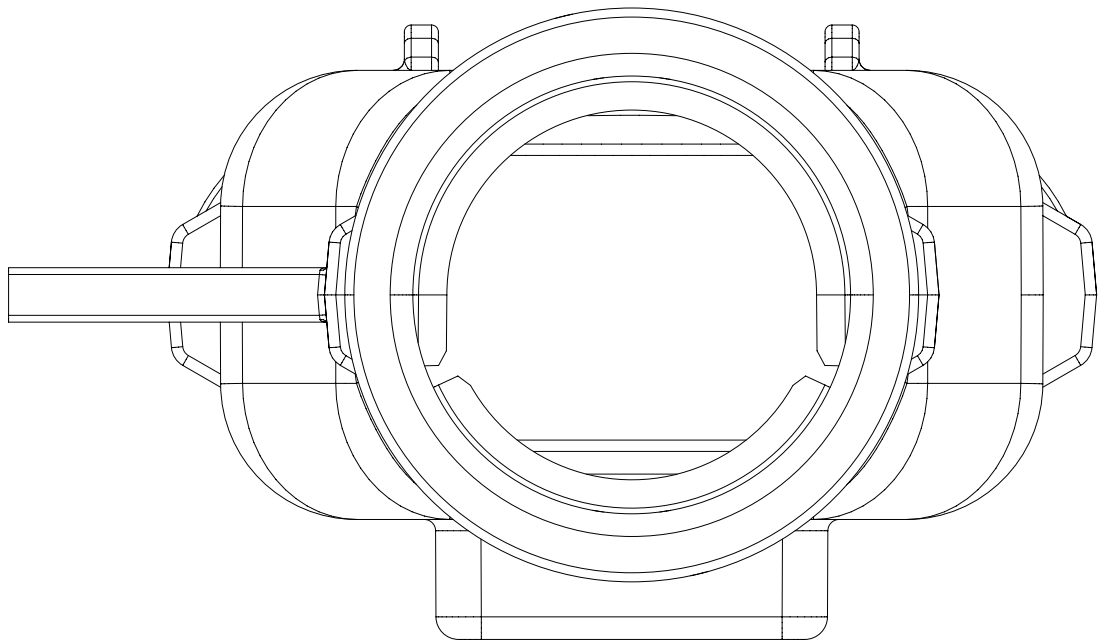
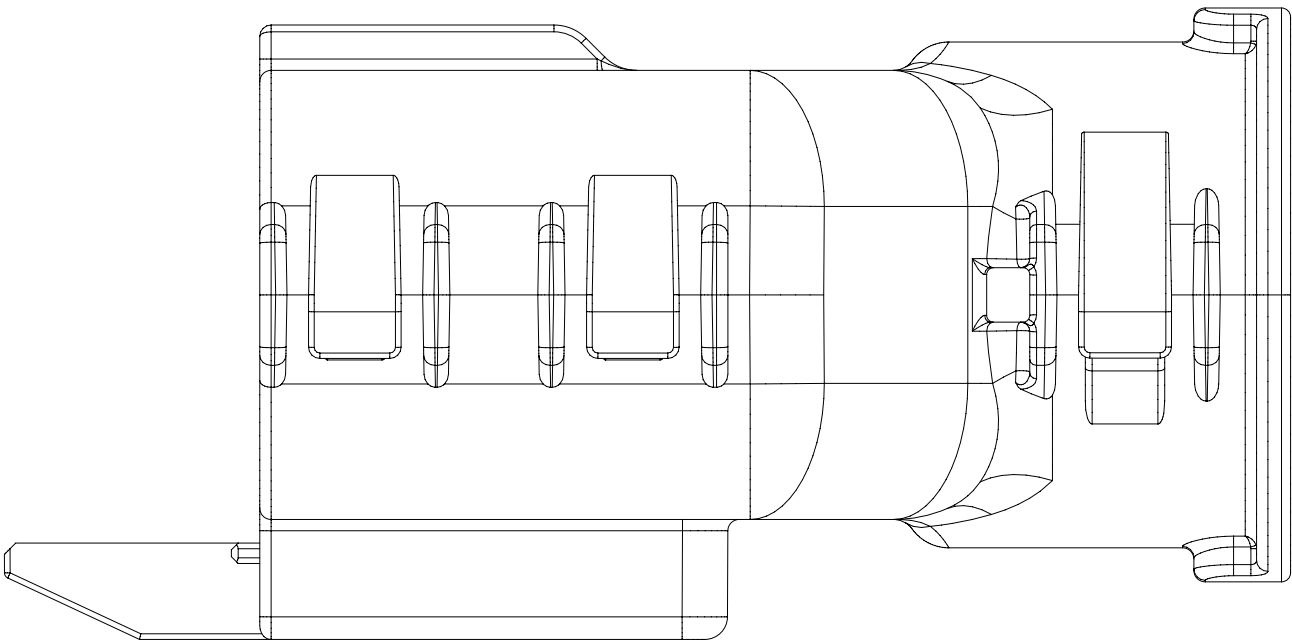
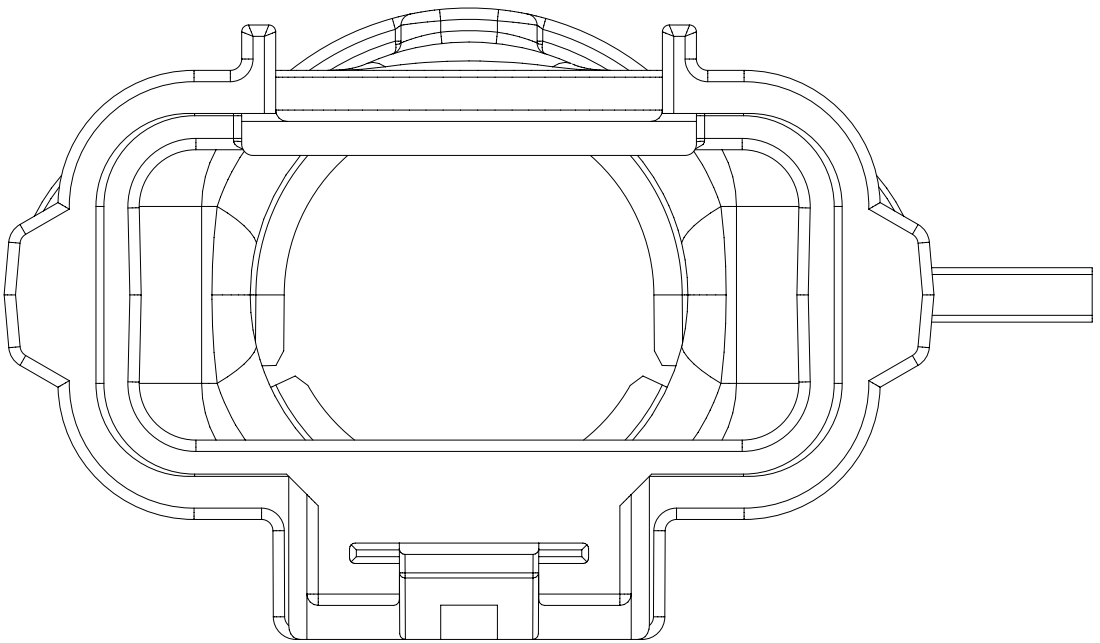
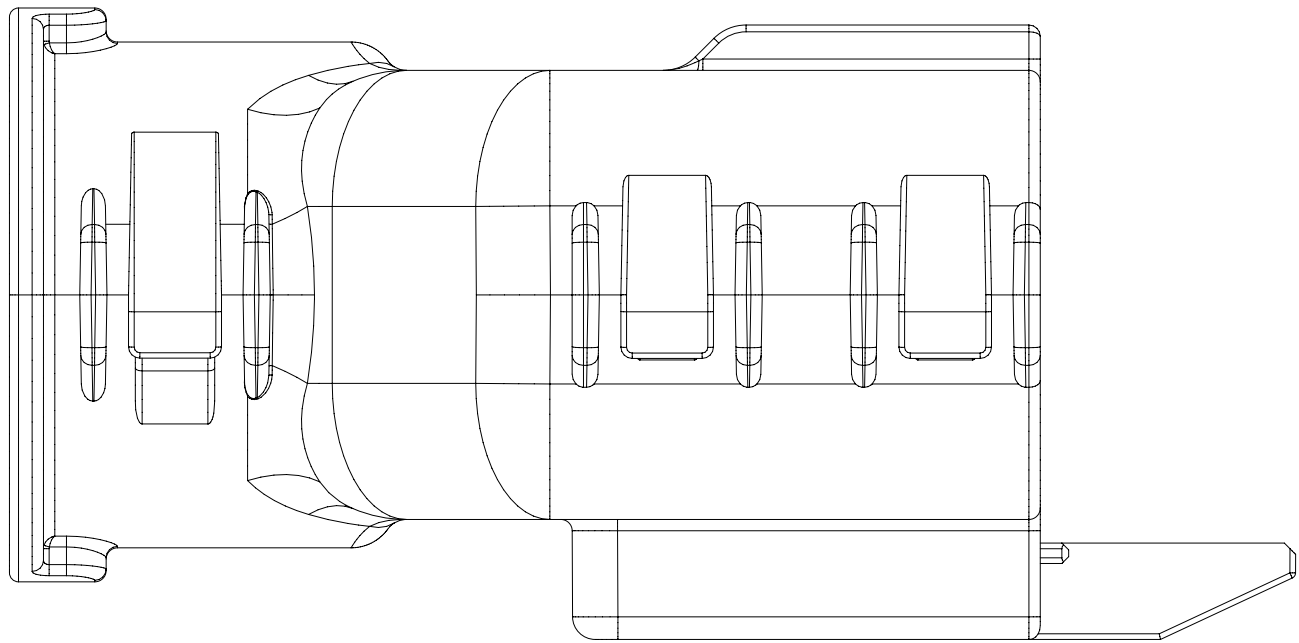


Partial V-V
SCALE 4:1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL			
		mm		4:1									
= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)											
= 0		ANGULAR TOL ± 1.0 °				EC NO: 171650							
= 0		4 PLACES		±		DRWN: DDEB 2018/01/19							
= 0		3 PLACES		±		CHK'D: MVANSLAMBROU 2018/02/16							
= 0		2 PLACES		± 0.1		APPR: MVANSLAMBROU 2018/02/16							
= 0		1 PLACE		± 0.2		INITIAL REVISION:							
= 0		0 PLACES		±		DRWN: APROFFITT 2014/05/14							
= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: VKOSHY 2014/06/27							
= 0						THIRD ANGLE PROJECTION							
= 0				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
= 0				A1-SIZE		33472				GENERAL MARKET		7 OF 11	

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

SHEET DESCRIPTION	
MOLEX BACKSHELL	

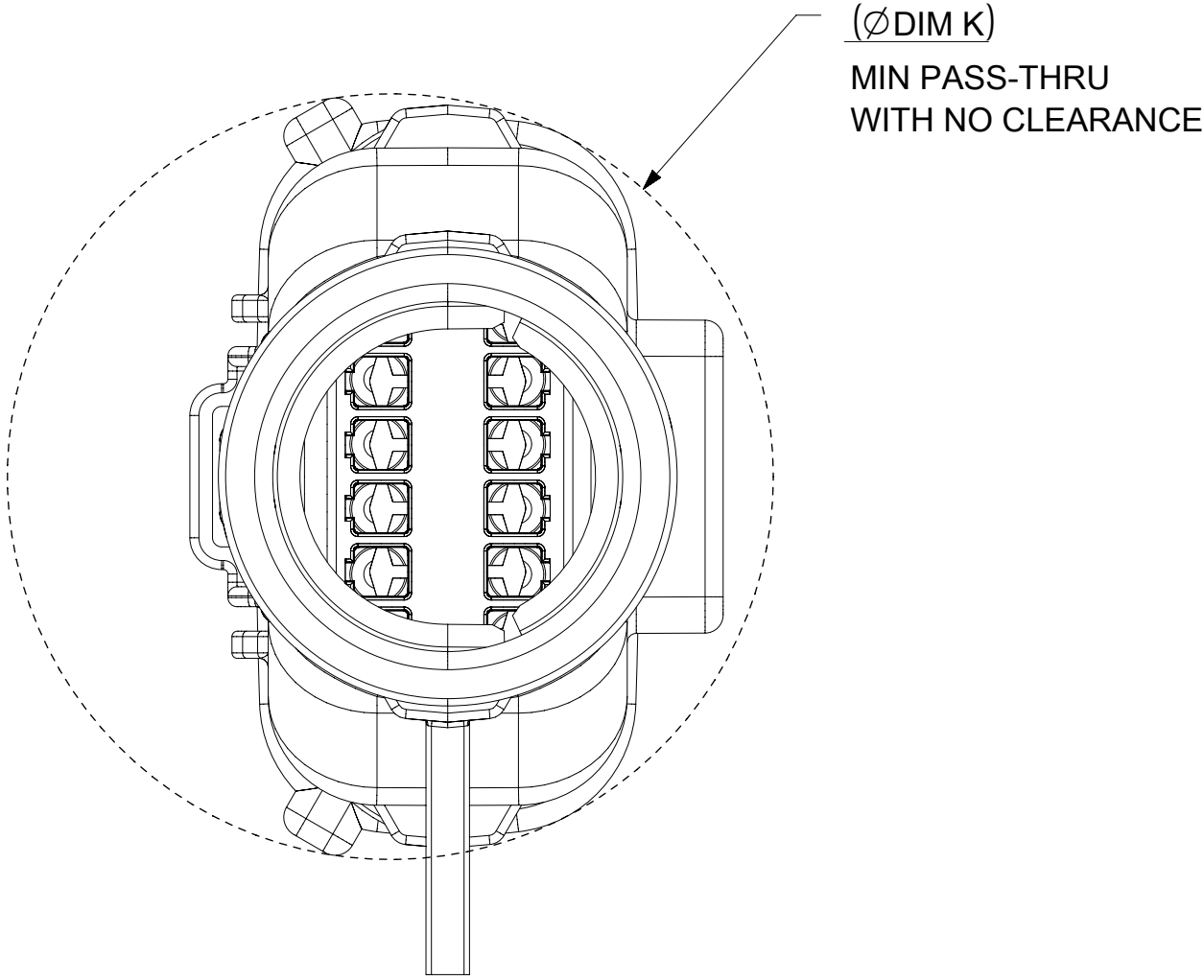
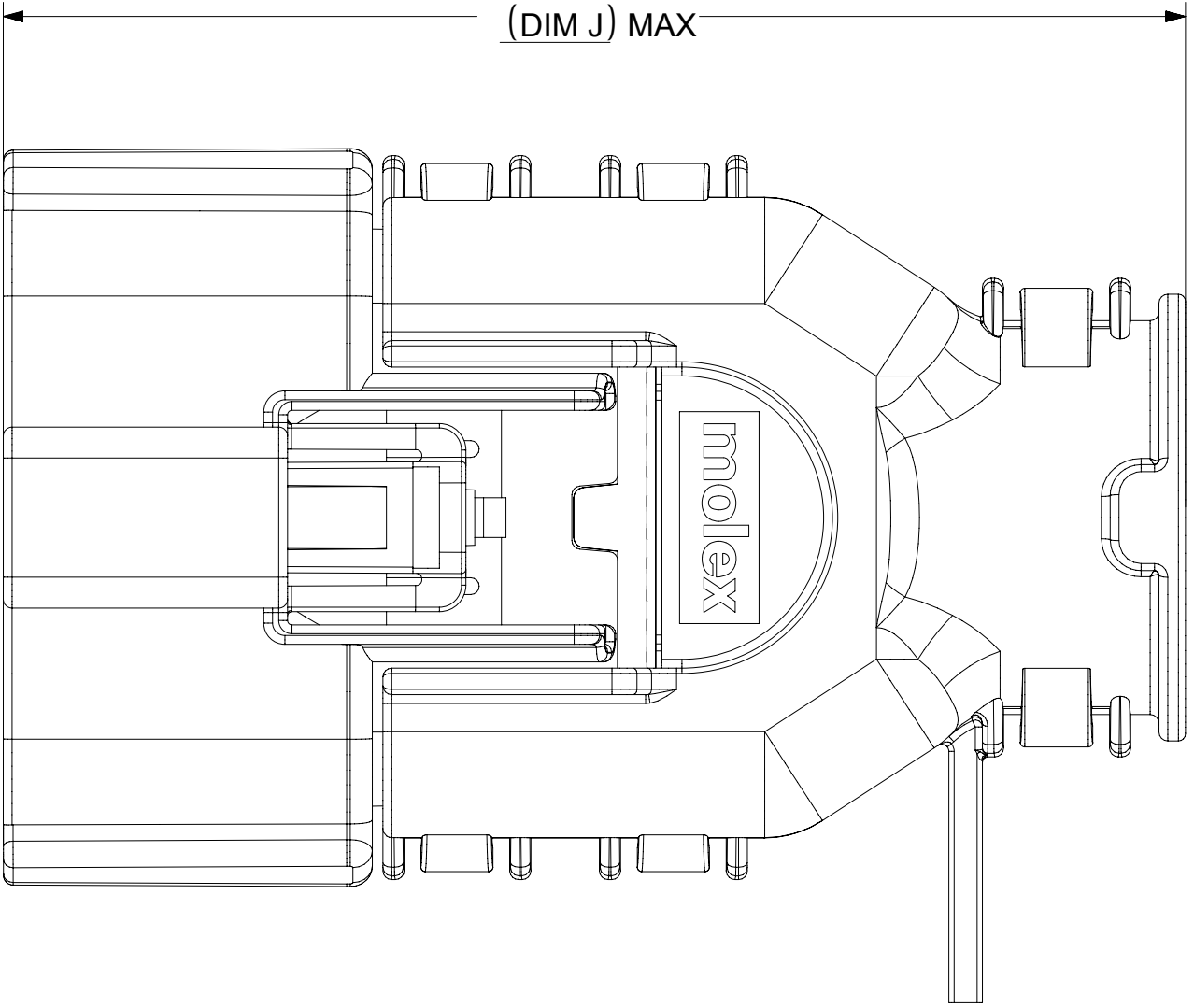


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS		SCALE		CURRENT REV DESC:									
	mm		3:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 171650 DRWN: DDEB 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									
	ANGULAR TOL ± 1.0 °													
	4 PLACES ±													
	3 PLACES ±													
	2 PLACES ± 0.1													
	1 PLACE ± 0.2				PRODUCT CUSTOMER DRAWING									
	0 PLACES ±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														
	THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
			A1-SIZE		33472		SD-33472-0001		PSD		001		C2	
					MATERIAL NUMBER		CUSTOMER				SHEET NUMBER			
							GENERAL MARKET				8 OF 11			

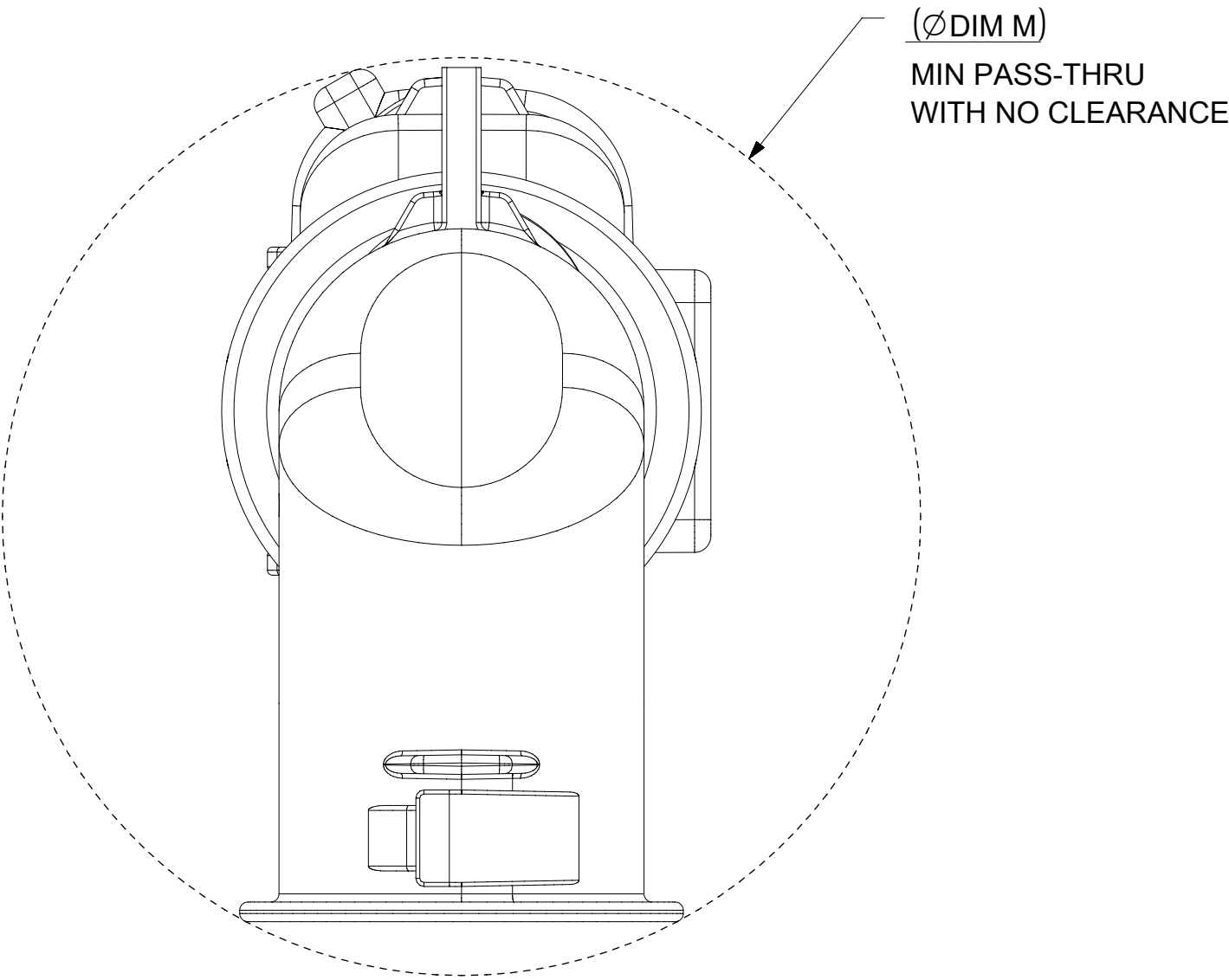
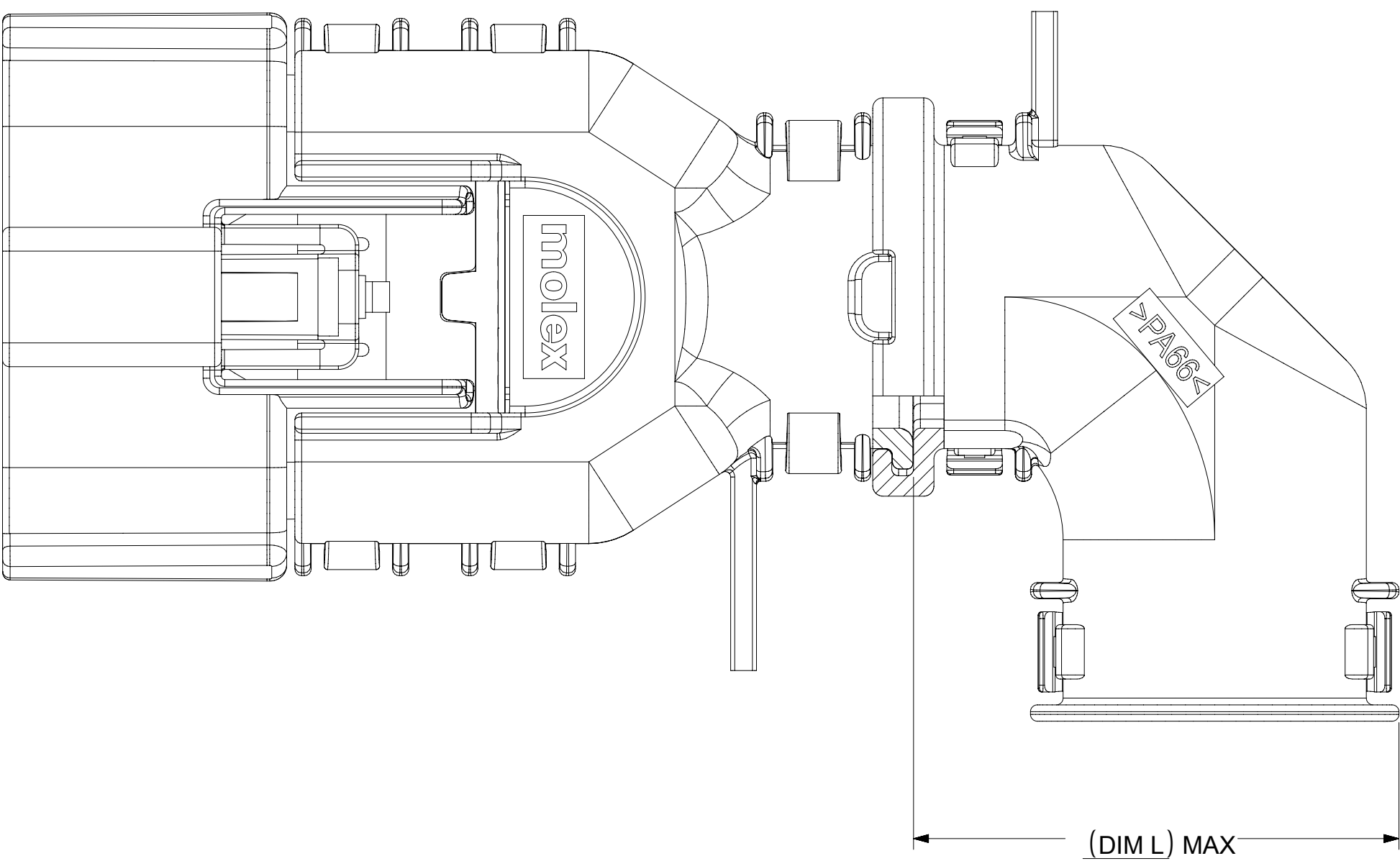
DOCUMENT STATUS	P1	RELEASE DATE	2018/02/16 22:02:25
-----------------	----	--------------	---------------------

SHEET DESCRIPTION

MOLEX BACKSHELL CONFIGURATIONS



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL



ADD THE VALUE OF 'L' TO THE TOTAL DIMENSION
WHENEVER ADAPTOR IS USED

CHARTED DIMENSIONS				
DESCRIPTION	DIMENSIONS			
	J	K	L	M
2X2 W/O CLIPSLOT	TBD	TBD	TBD	TBD
2X2 W/ CLIP SLOT	TBD	TBD	TBD	TBD
2X2 LENGTHENED	TBD	TBD	TBD	TBD
2X4 W/ CLIPSLOT	58.39	32.85	32.10	44.26
2X4 W/O CLIPSLOT	N/A	N/A	N/A	N/A
2X8 W/ CLIPSLOT	67.19	42.65	36.10	56.49
2X8 W/O CLIPSLOT	N/A	N/A	N/A	N/A
2X10 W/ CLIPSLOT	67.19	42.65	36.10	56.49
2X10 W/O CLIPSLOT	N/A	N/A	N/A	N/A

SYMBOLS

▽

=

0

▽

=

0

▽

=

0

S

=

0

▽

=

0

▽

=

0

☒

=

0

☒

=

0

■

=

0

▽

=

0

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

DIMENSION UNITS

mm

SCALE

2.5:1

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

CURRENT REV DESC:

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

THIRD ANGLE PROJECTION

DRAWING

A1-SIZE

SERIES

33472

molex

MX150 RCPT

DUAL ROW SEALED ASSEMBLY MAT SEAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-33472-0001

DOC TYPE

PSD

DOC PART

001

REVISION

C2

MATERIAL NUMBER

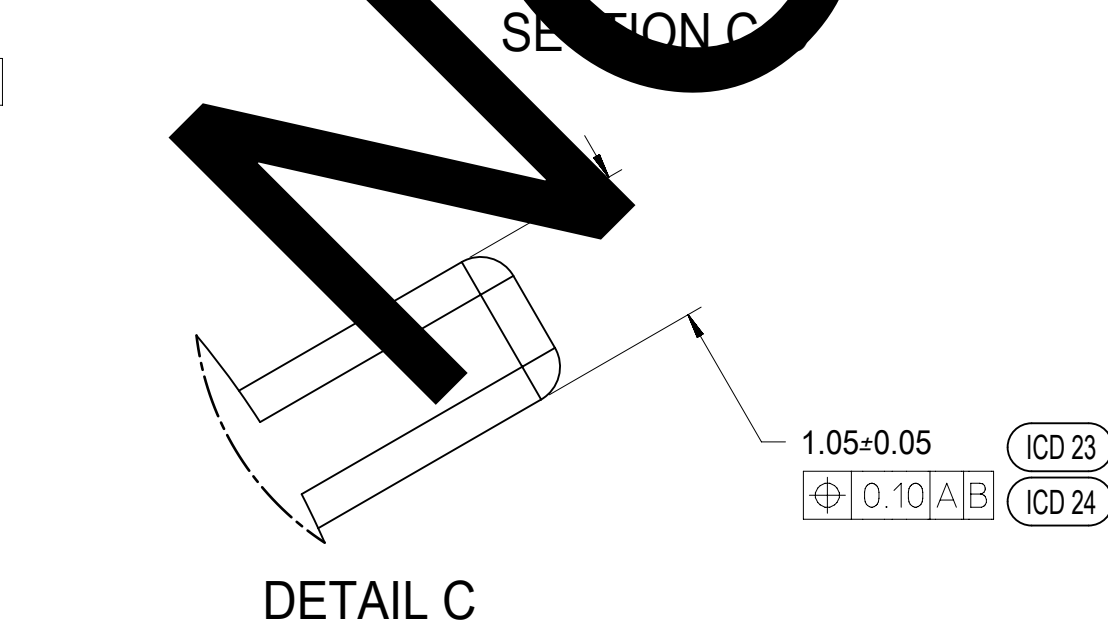
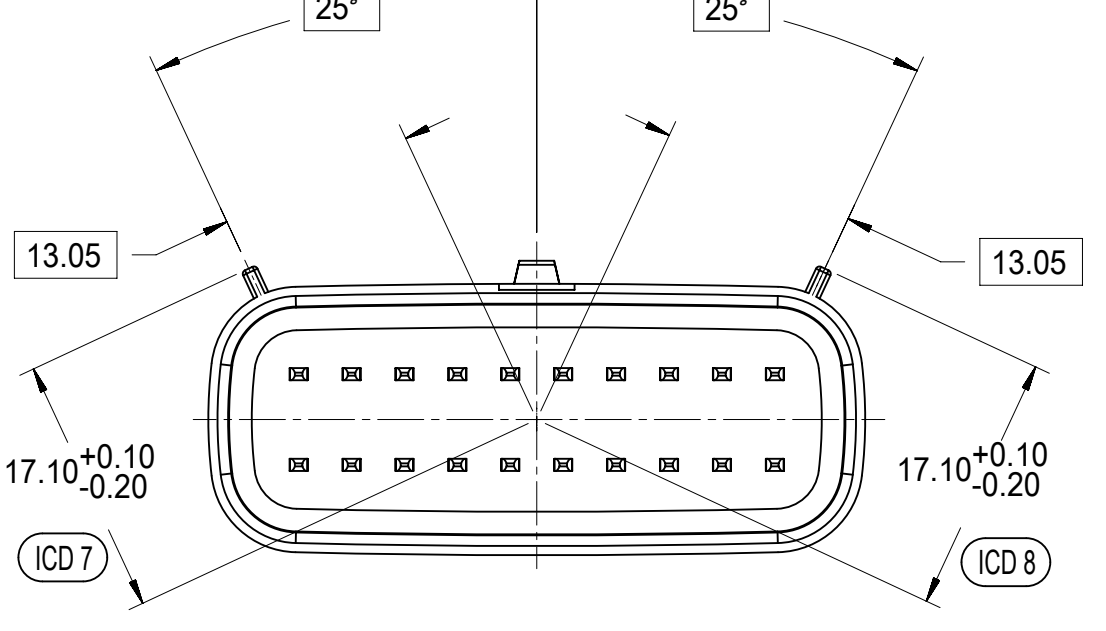
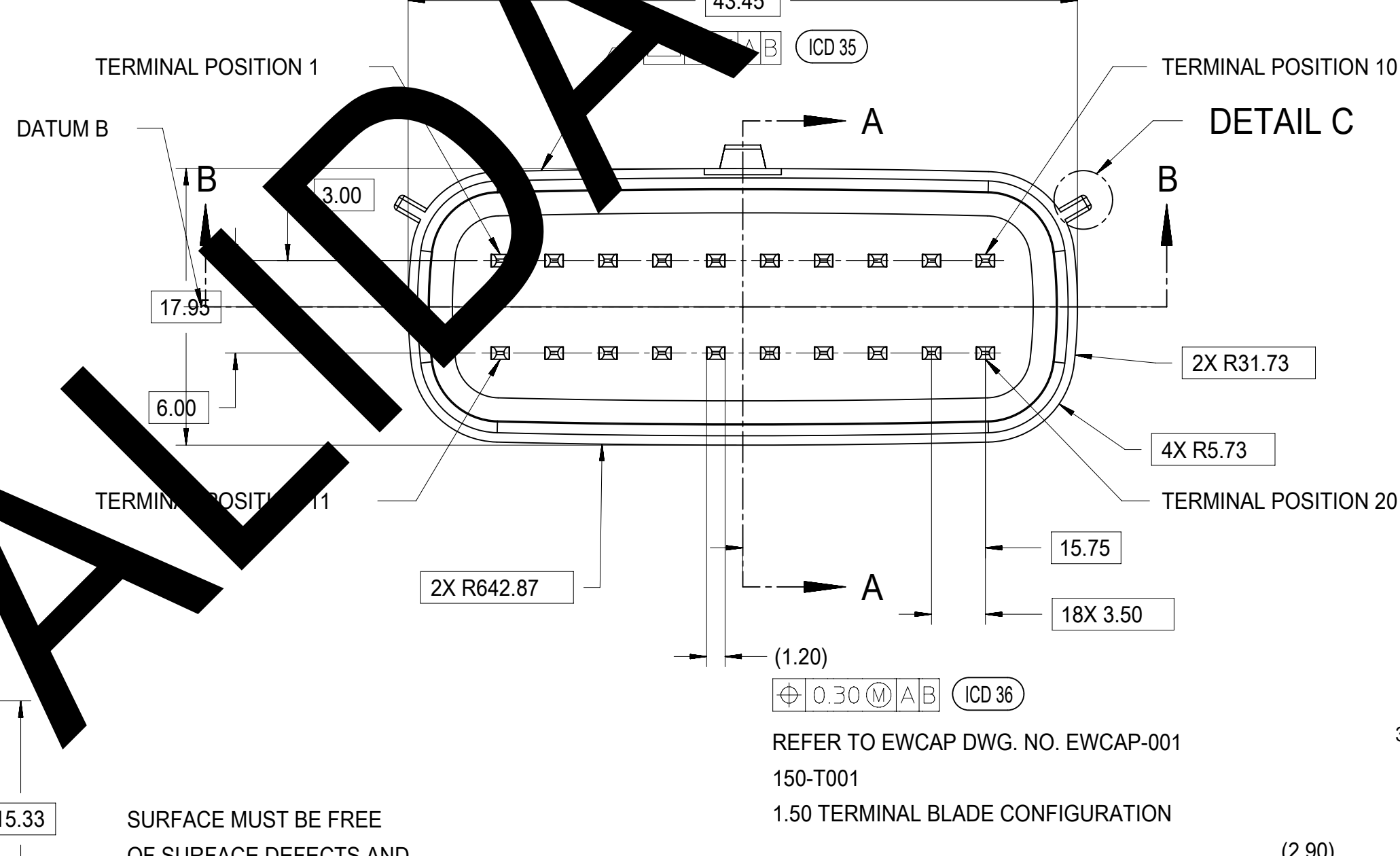
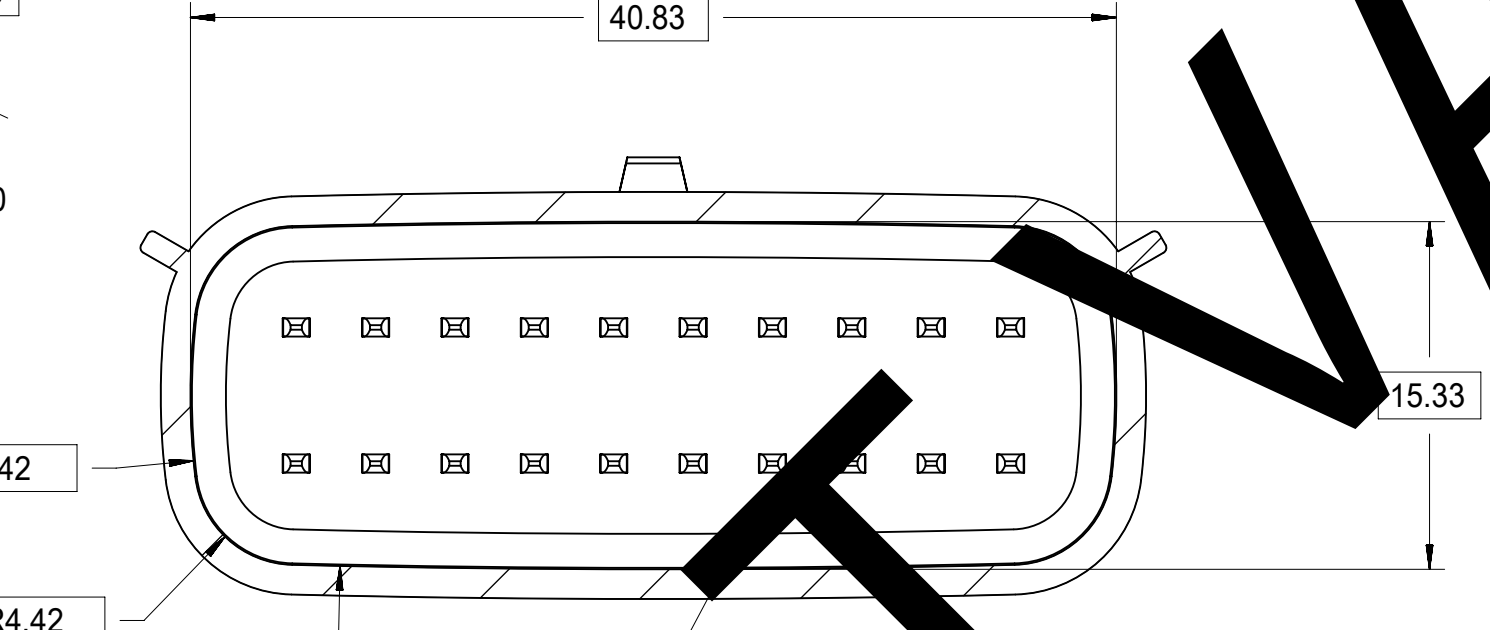
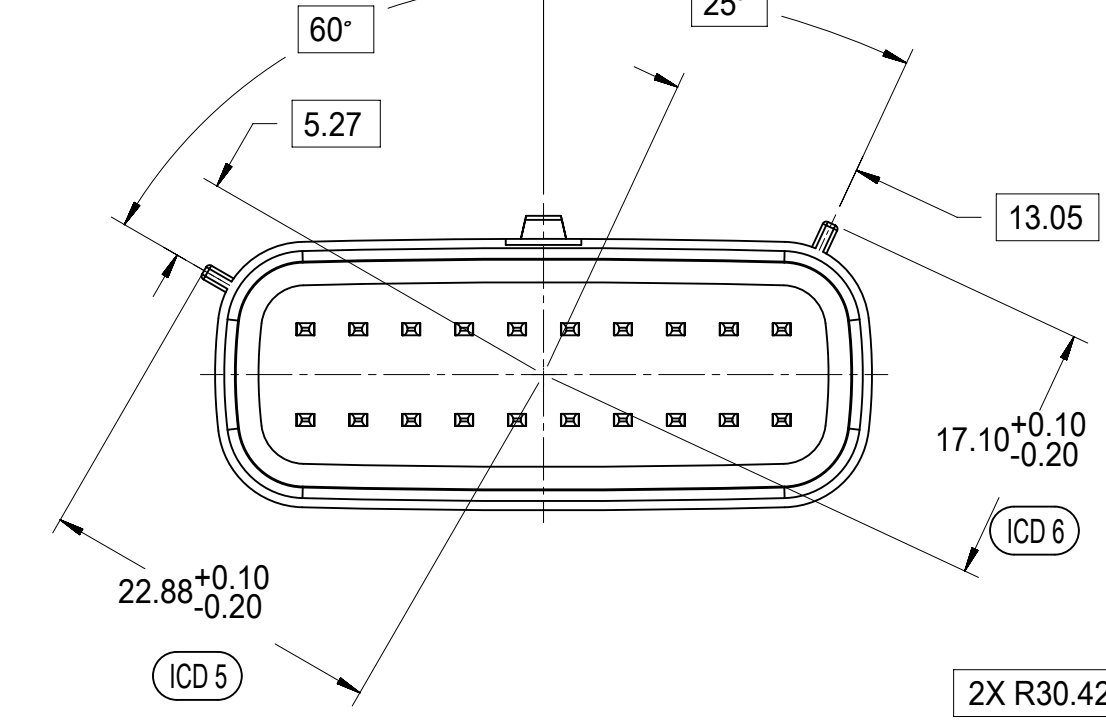
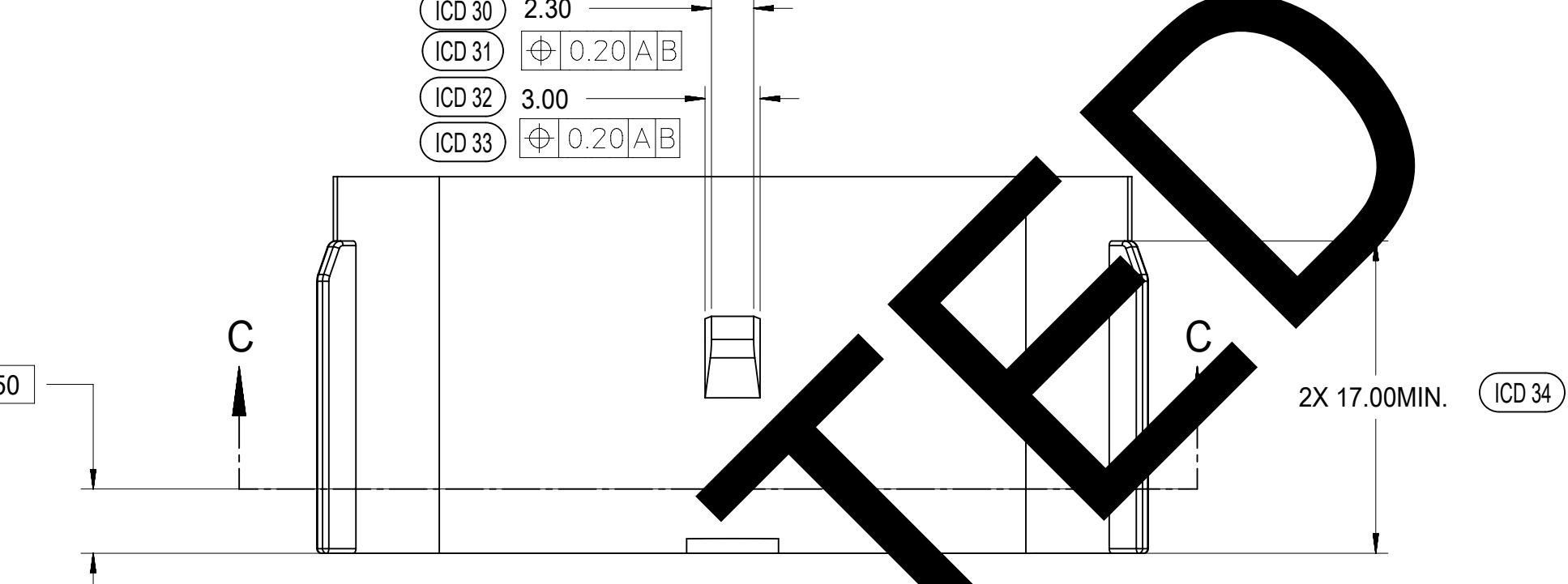
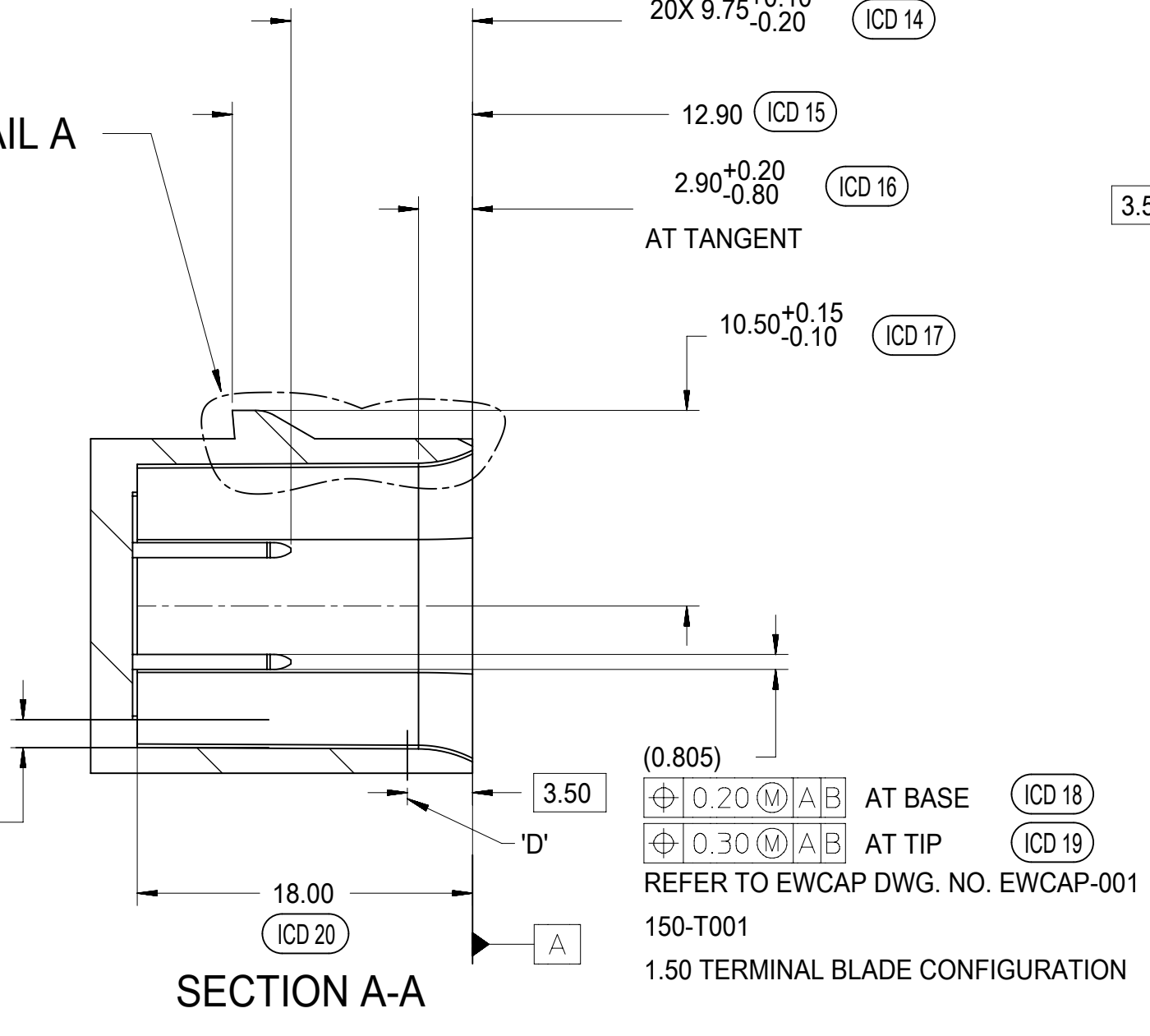
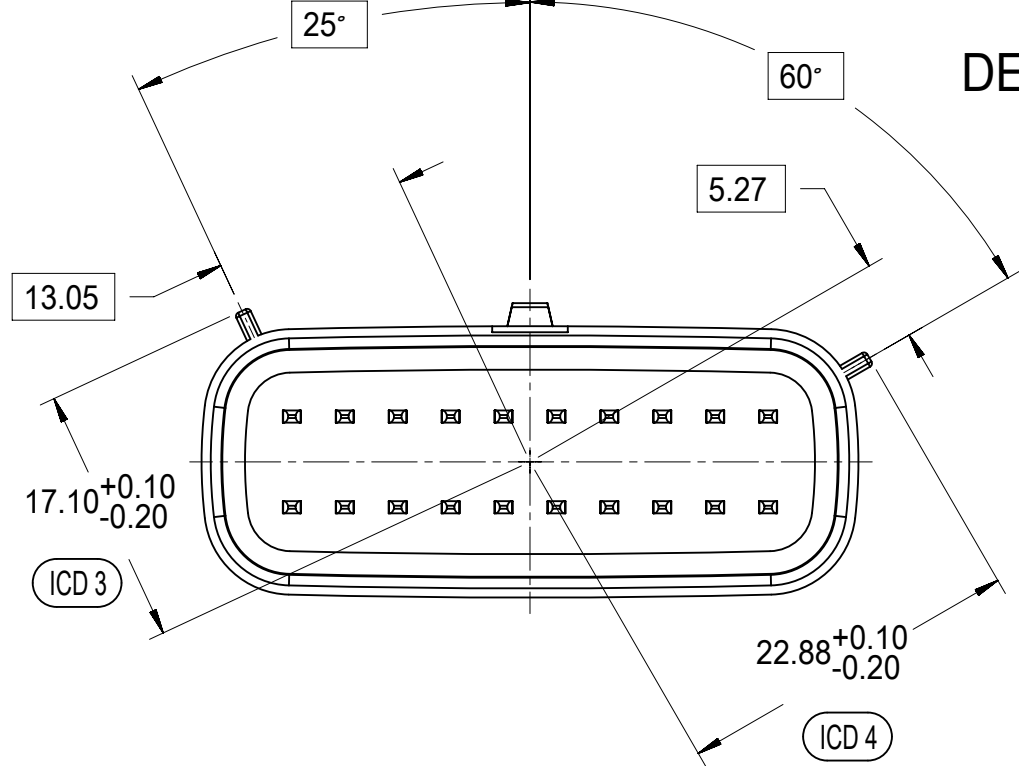
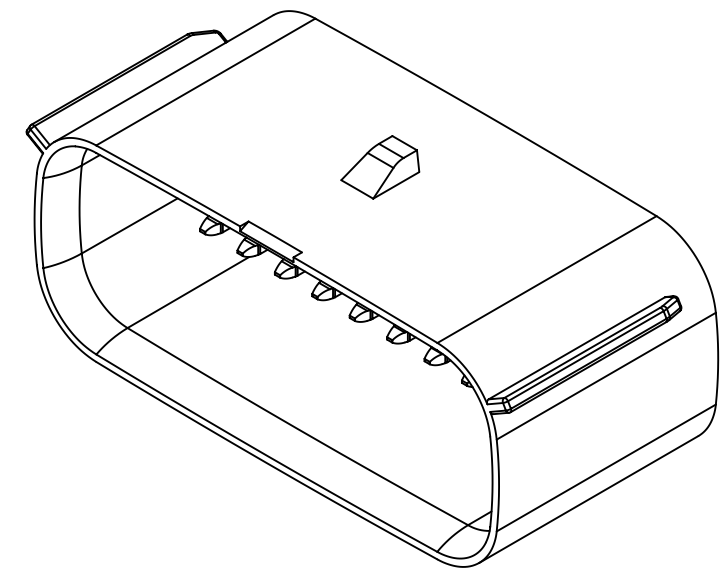
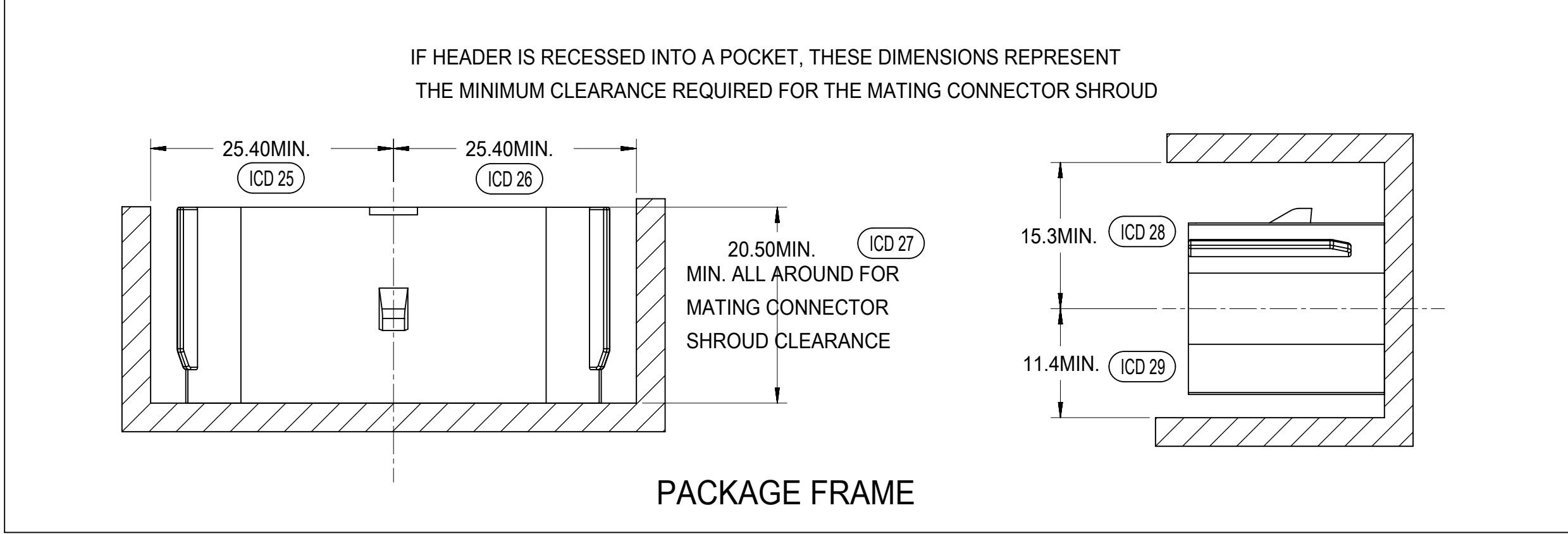
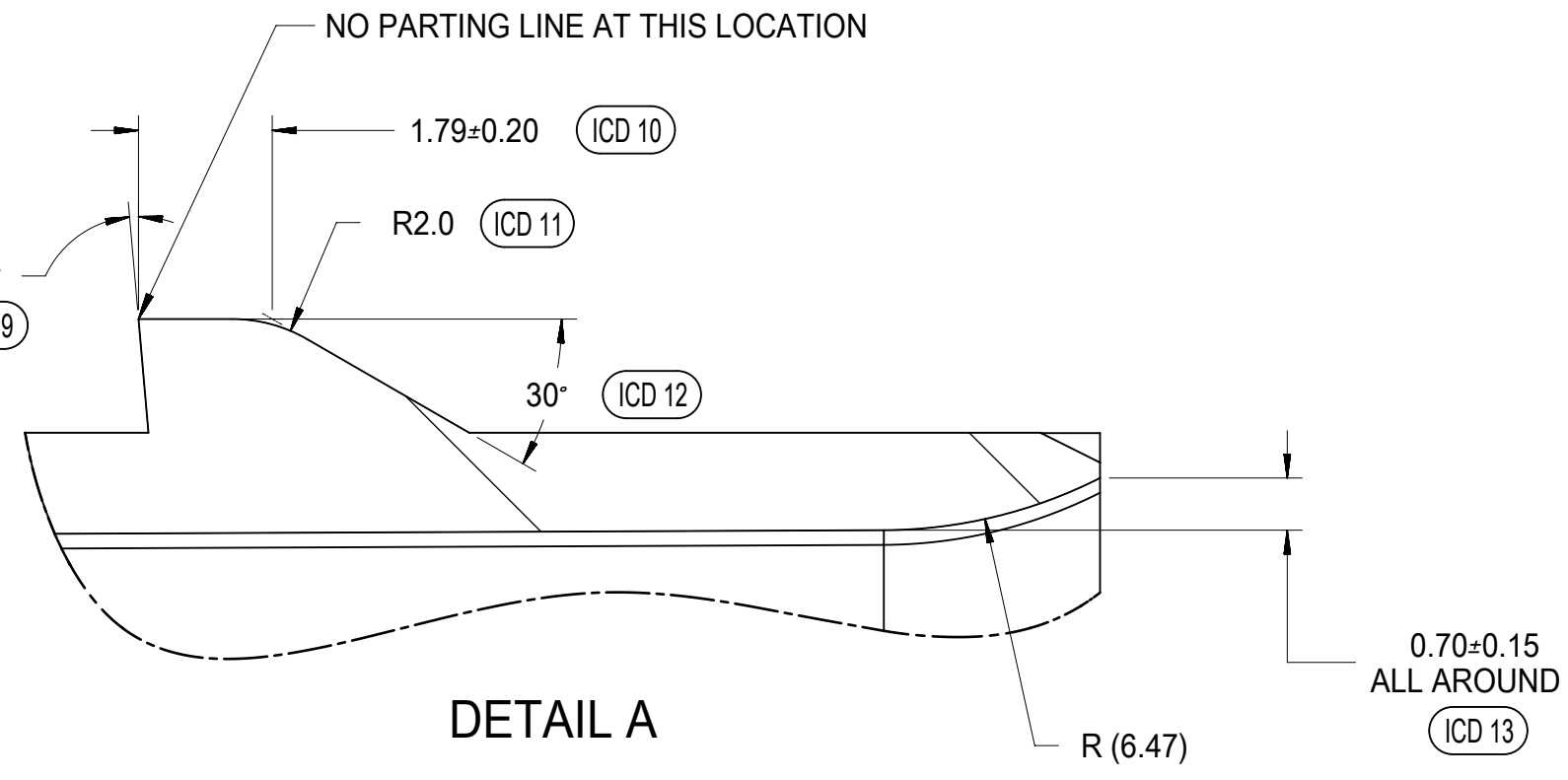
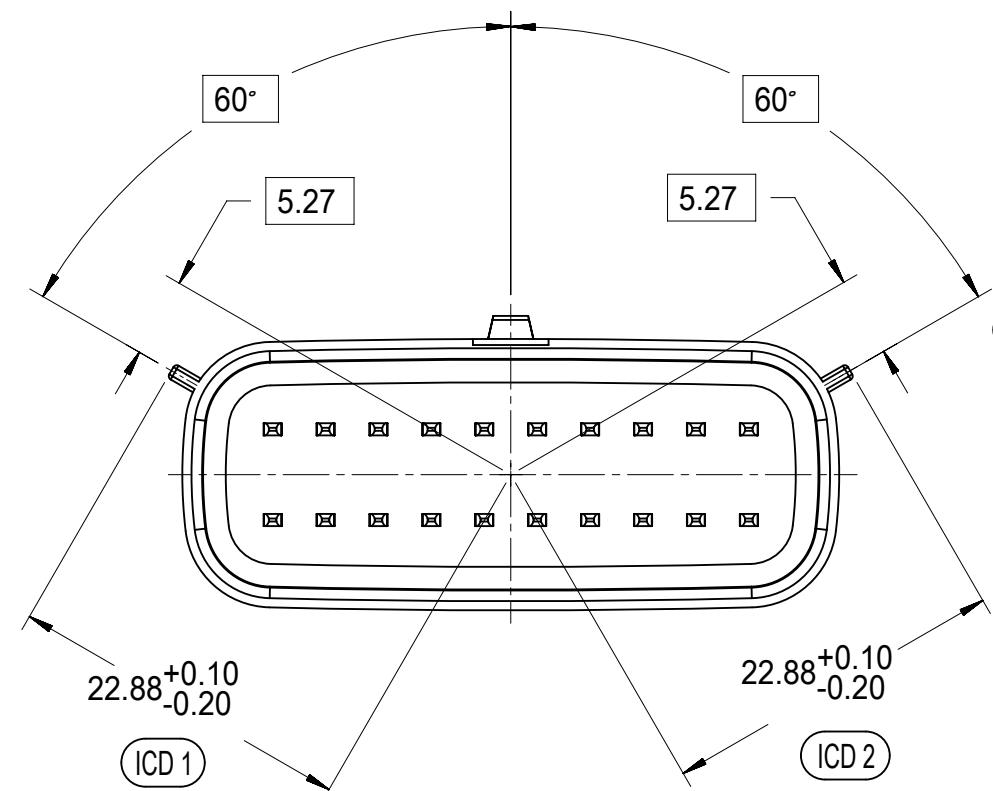
CUSTOMER

GENERAL MARKET

SHEET NUMBER

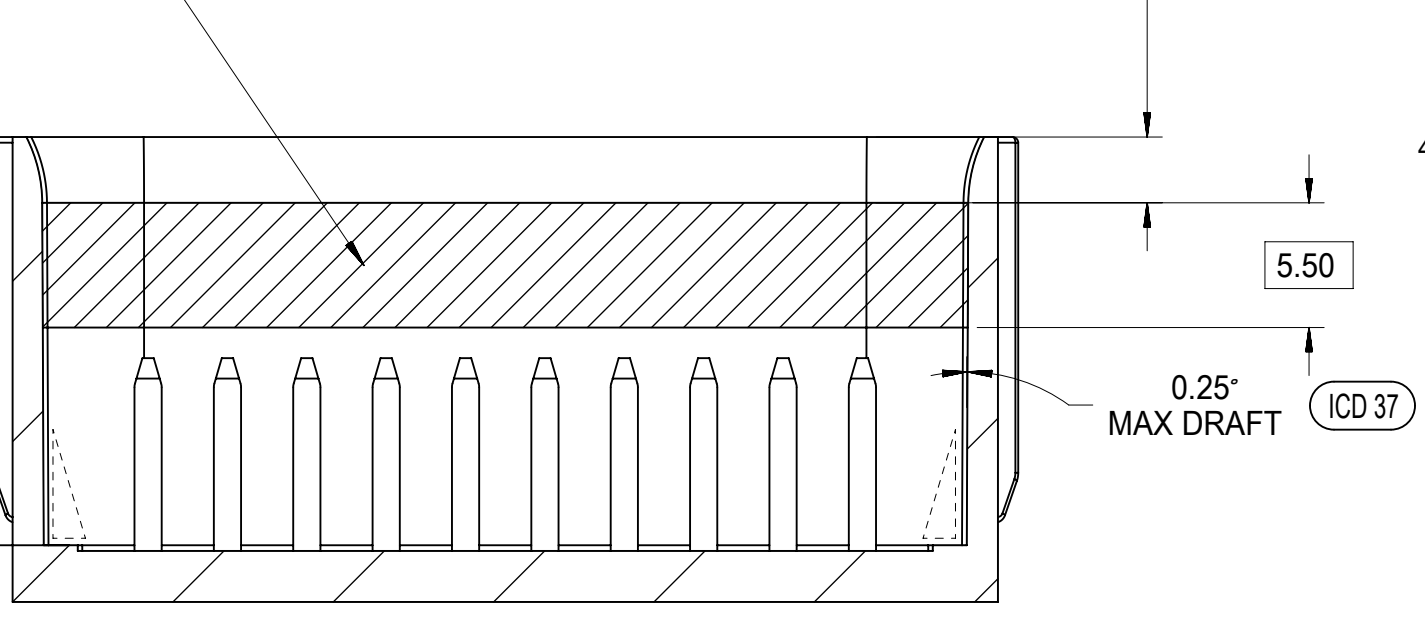
10 OF 11

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



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

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

DETAIL C SCALE 20:1
APPLIES 2X
SEE KEYING OPTION VIEWS
FOR POSITIONS