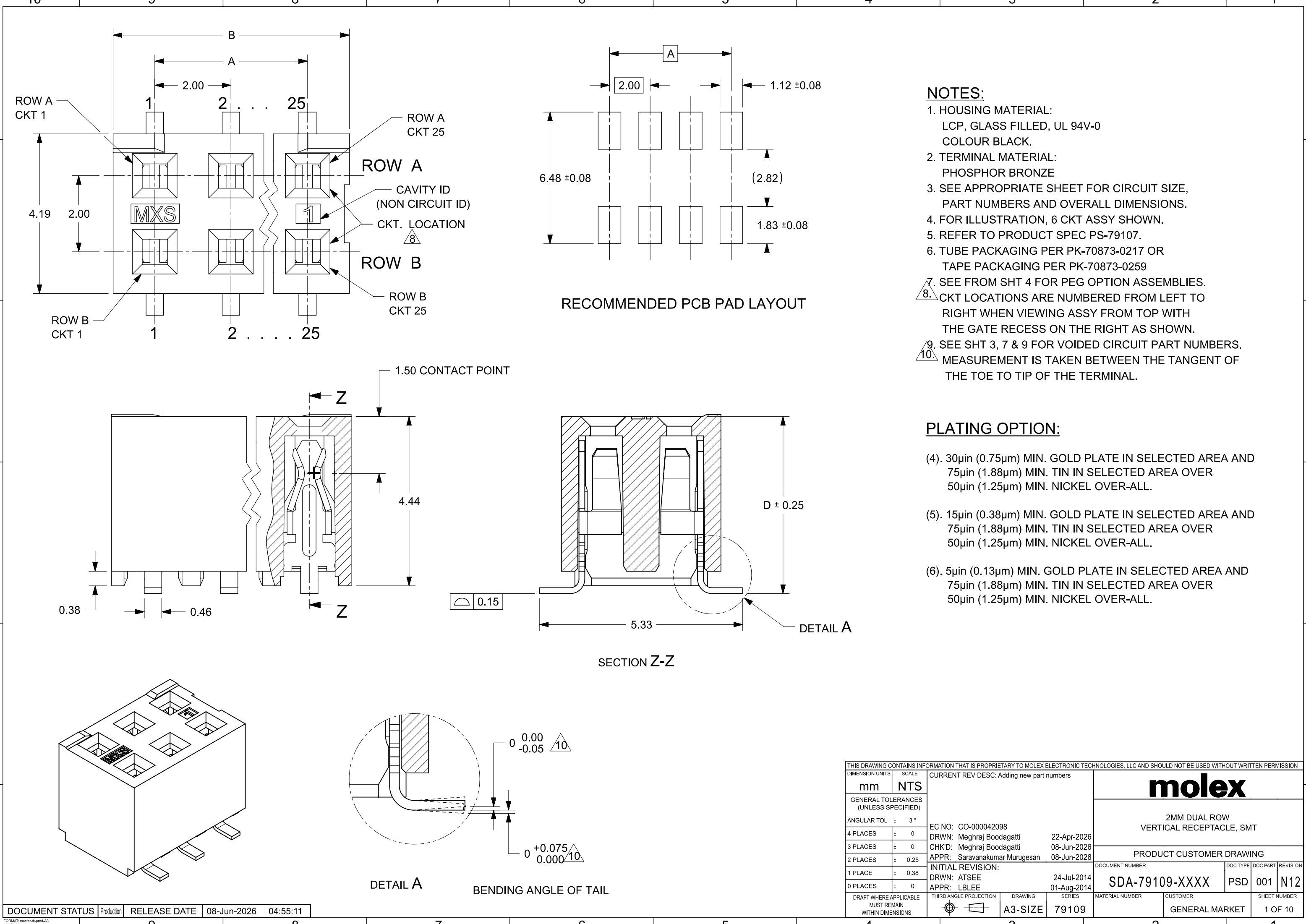




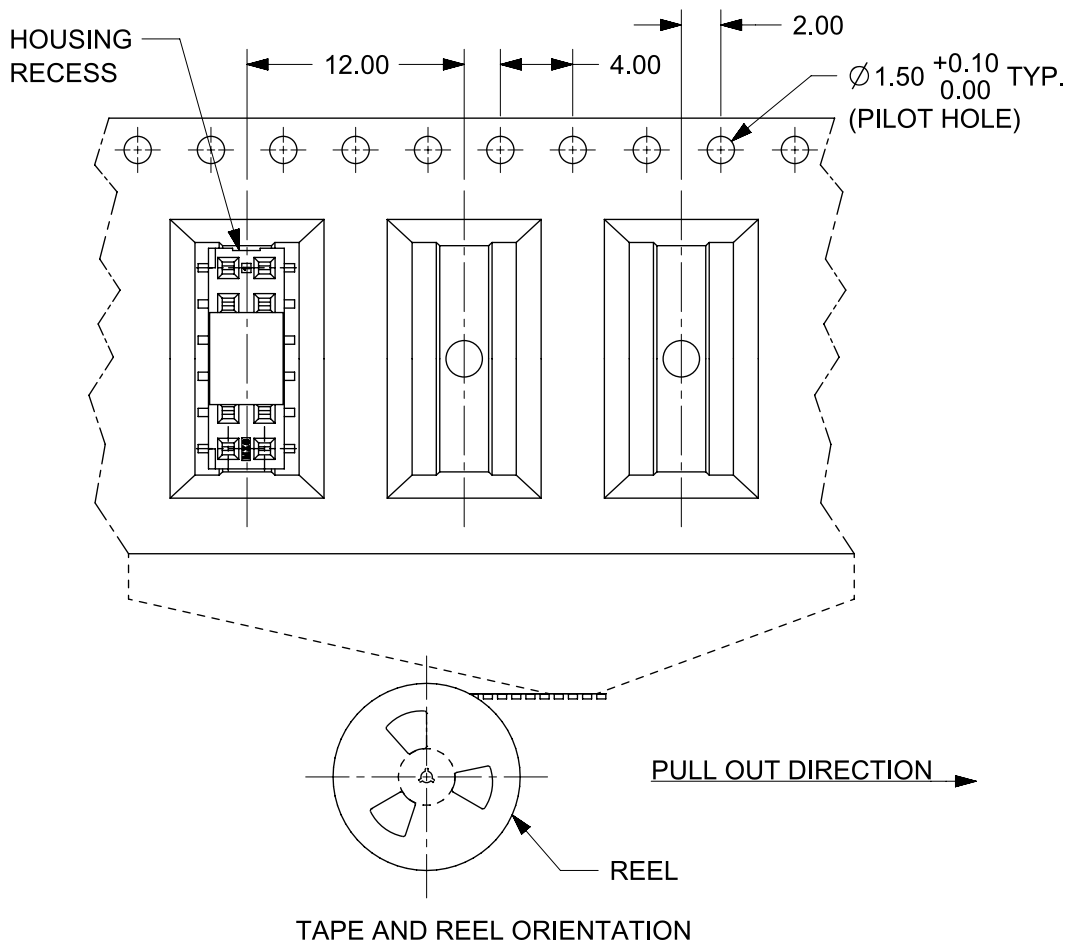
NOTES:

1. HOUSING MATERIAL:
LCP, GLASS FILLED, UL 94V-0
COLOUR BLACK.
2. TERMINAL MATERIAL:
PHOSPHOR BRONZE
3. SEE APPROPRIATE SHEET FOR CIRCUIT SIZE,
PART NUMBERS AND OVERALL DIMENSIONS.
4. FOR ILLUSTRATION, 6 CKT ASSY SHOWN.
5. REFER TO PRODUCT SPEC PS-79107.
6. TUBE PACKAGING PER PK-70873-0217 OR
TAPE PACKAGING PER PK-70873-0259
7. SEE FROM SHT 4 FOR PEG OPTION ASSEMBLIES.
8. CKT LOCATIONS ARE NUMBERED FROM LEFT TO
RIGHT WHEN VIEWING ASSY FROM TOP WITH
THE GATE RECESS ON THE RIGHT AS SHOWN.
9. SEE SHT 3, 7 & 9 FOR VOIDED CIRCUIT PART NUMBERS.
10. MEASUREMENT IS TAKEN BETWEEN THE TANGENT OF
THE TOE TO TIP OF THE TERMINAL.

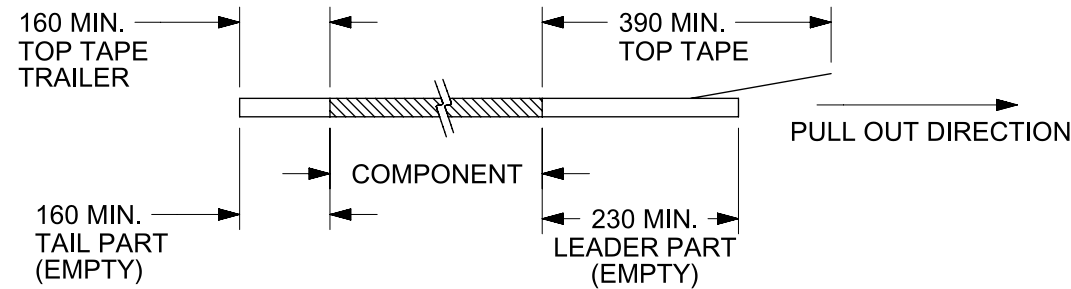
PLATING OPTION:

- (4). 30µin (0.75µm) MIN. GOLD PLATE IN SELECTED AREA AND
75µin (1.88µm) MIN. TIN IN SELECTED AREA OVER
50µin (1.25µm) MIN. NICKEL OVER-ALL.
- (5). 15µin (0.38µm) MIN. GOLD PLATE IN SELECTED AREA AND
75µin (1.88µm) MIN. TIN IN SELECTED AREA OVER
50µin (1.25µm) MIN. NICKEL OVER-ALL.
- (6). 5µin (0.13µm) MIN. GOLD PLATE IN SELECTED AREA AND
75µin (1.88µm) MIN. TIN IN SELECTED AREA OVER
50µin (1.25µm) MIN. NICKEL OVER-ALL.

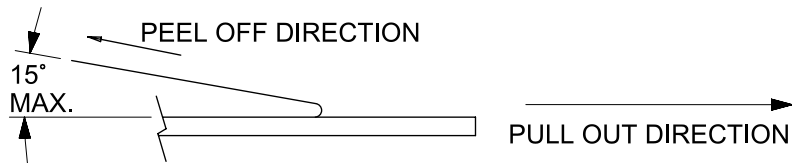
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: Adding new part numbers							
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3 °											
4 PLACES ± 0		EC NO: CO-000042098		mo lex 2MM DUAL ROW VERTICAL RECEPTACLE, SMT PRODUCT CUSTOMER DRAWING							
3 PLACES ± 0		DRWN: Meghraj Boodagatti 22-Apr-2026									
2 PLACES ± 0.25		CHK'D: Meghraj Boodagatti 08-Jun-2026									
1 PLACE ± 0.38		APPR: Saravanakumar Murugesan 08-Jun-2026									
0 PLACES ± 0		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: ATSEE									



NOTES:
1. LEADER AND TRAILER TAPE.



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



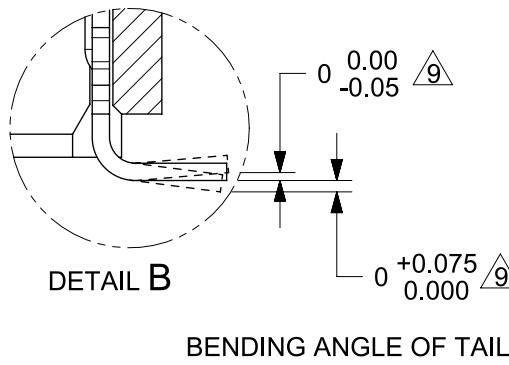
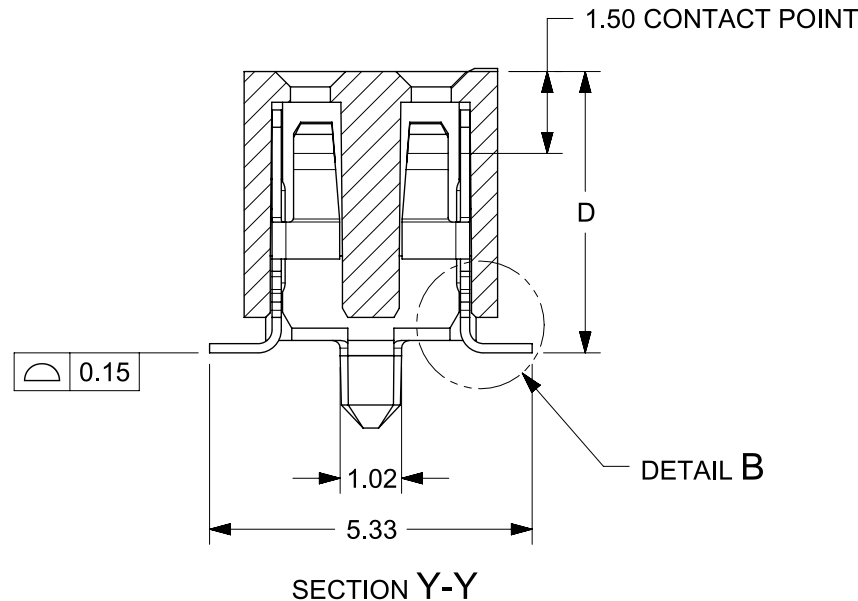
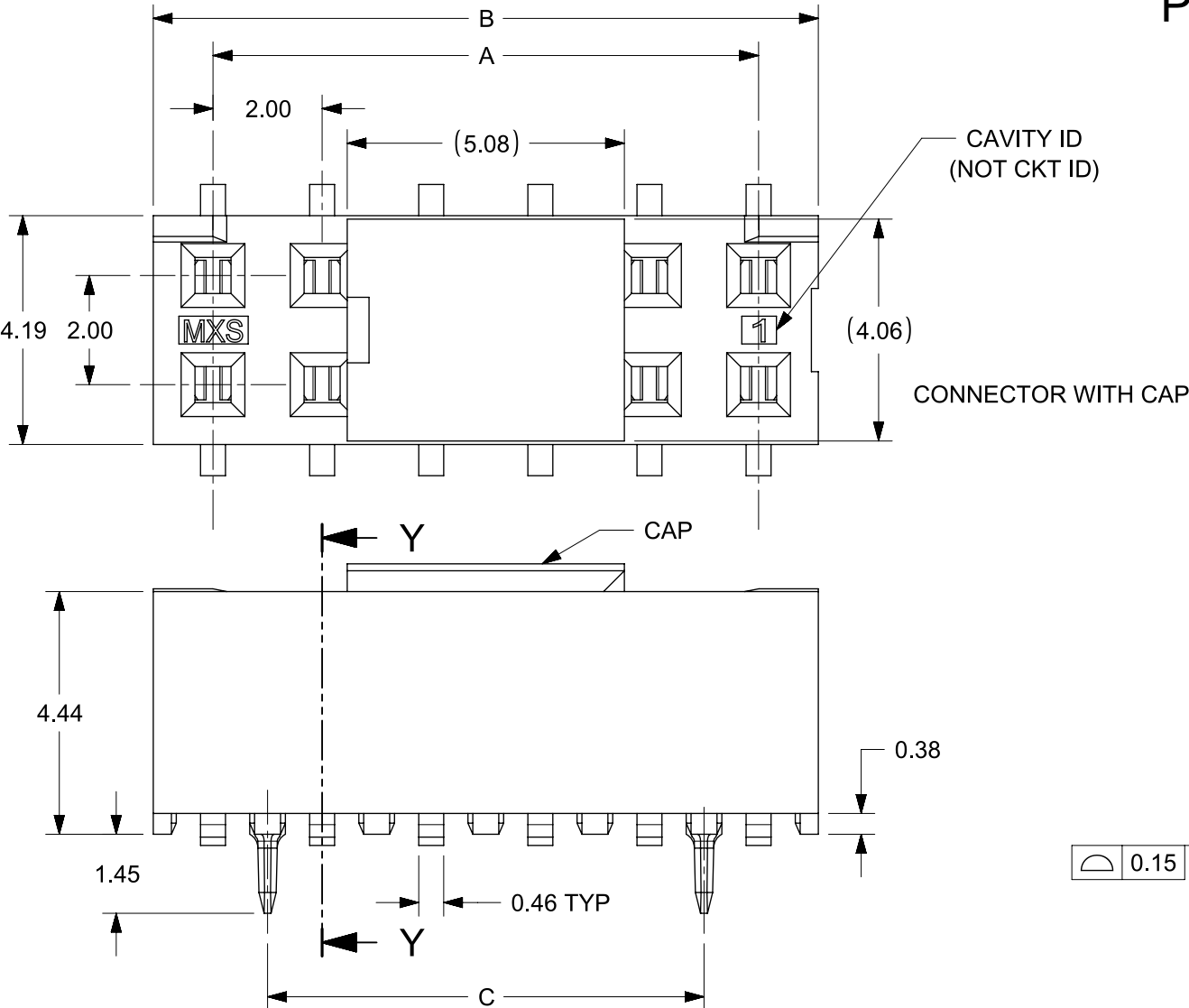
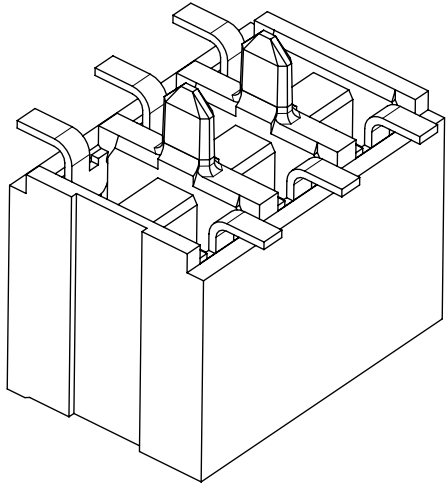
3. PACKAGING STANDARD IS AS PER EIA-481.
4. TAPE & REEL QUANTITY = 500 PCS/REEL

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: Adding new part numbers				molex					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				2MM DUAL ROW VERTICAL RECEPTACLE, SMT									
ANGULAR TOL ± 3°													
4 PLACES		±	0							EC NO: CO-000042098		22-Apr-2026	
3 PLACES		±	0							DRWN: Meghraj Boodagatti		08-Jun-2026	
2 PLACES		±	0.25							CHK'D: Meghraj Boodagatti		08-Jun-2026	
1 PLACE		±	0.38	APPR: Saravanakumar Murugesan		08-Jun-2026		PRODUCT CUSTOMER DRAWING					
0 PLACES		±	0	INITIAL REVISION:				DOCUMENT NUMBER					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: ATSEE		24-Jul-2014		SDA-79109-XXXX					
				APPR: LBLEE		01-Aug-2014		DOC TYPE					
				THIRD ANGLE PROJECTION		DRAWING		DOC PART					
				A3-SIZE		SERIES		REVISION					
				79109		MATERIAL NUMBER		CUSTOMER					
						GENERAL MARKET		SHEET NUMBER					
								2 OF 10					

DOCUMENT STATUS	Production	RELEASE DATE	08-Jun-2026 04:55:11
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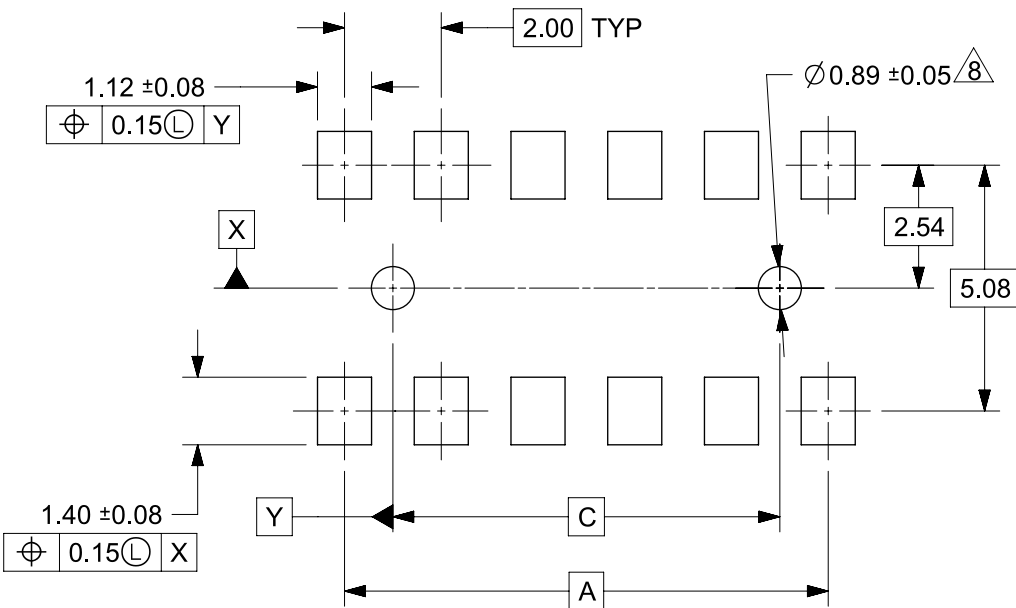
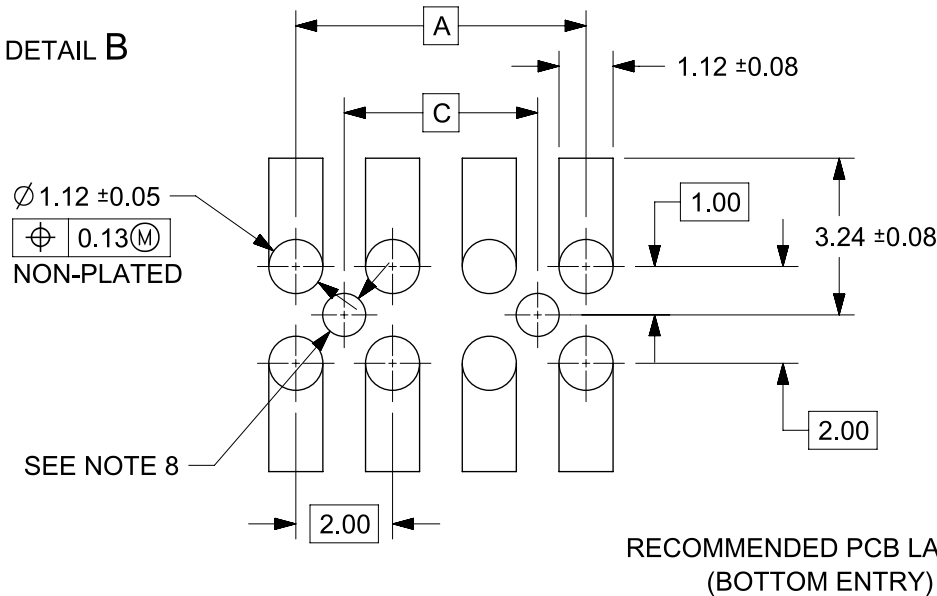
10		9		8		7		6		5		4		3		2		1																																																															
WITHOUT PEG OPTION																																																																																	
F		CKT. SIZE	DIM. "A"	DIM. "B"	DIM. "D"	PLATING OPTION 5			PLATING OPTION 4			PLATING OPTION 6			F																																																																		
						ITEM NO. TUBE PACKED (WITHOUT CAP)	ITEM NO. TUBE PACKED (WITH CAP)	ITEM NO. TAPE PACKED (WITH CAP)	ITEM NO. TUBE PACKED (WITHOUT CAP)	ITEM NO. TUBE PACKED (WITH CAP)	ITEM NO. TAPE PACKED (WITH CAP)	ITEM NO. TUBE PACKED (WITHOUT CAP)	ITEM NO. TAPE PACKED (WITH CAP)	ITEM NO. TAPE PACKED (WITHOUT CAP)																																																																			
		04	2.00	4.19	4.65		79109-1001	79109-1025	79109-8401		79109-1051	79109-1075	79109-8451		79109-1101	79109-1149	79109-2801																																																																
		04	2.00	4.19	4.65		-	-	-		-	-	-		-	79109-1125	-																																																																
E		06	4.00	6.19	4.65		79109-1002	79109-1026	79109-8402		79109-1052	79109-1076	79109-8452		79109-1102	-	-																																																																
		08	6.00	8.19	4.65		79109-1003	79109-1027	79109-8403		79109-1053	79109-1077	79109-8453		79109-1103	-	-																																																																
		10	8.00	10.19	4.65		79109-1004	79109-1028	79109-8404		79109-1054	79109-1078	79109-8454		79109-1104	-	-																																																																
		12	10.00	12.19	4.65		79109-1005	79109-1029	79109-8405		79109-1055	79109-1079	79109-8455		79109-1105	-	-																																																																
		14	12.00	14.19	4.65		79109-1006	79109-1030	79109-8406		79109-1056	79109-1080	79109-8456		79109-1106	-	-																																																																
		16	14.00	16.19	4.65		79109-1007	79109-1031	79109-8407		79109-1057	79109-1081	79109-8457		79109-1107	-	-																																																																
		18	16.00	18.19	4.65		79109-1008	79109-1032	79109-8408		79109-1058	79109-1082	79109-8458		79109-1108	-	-																																																																
		20	18.00	20.19	4.65		79109-1009	79109-1033	79109-8409		79109-1059	79109-1083	79109-8459		79109-1109	-	-																																																																
		20	18.00	20.19	4.65		79109-1049	-	-		-	-	-		-	-	-	-																																																															
		22	20.00	22.19	4.65		79109-1010	79109-1034	79109-8410		79109-1060	79109-1084	79109-8460		79109-1110	-	-																																																																
D		24	22.00	24.19	4.65		79109-1011	79109-1035	79109-8411		79109-1061	79109-1085	79109-8461		79109-1111	-	-																																																																
		26	24.00	26.19	4.65		79109-1012	79109-1036	79109-8412		79109-1062	79109-1086	79109-8462		79109-1112	-	-																																																																
		28	26.00	28.19	4.65		79109-1013	79109-1037	79109-8413		79109-1063	79109-1087	79109-8463		79109-1113	-	-																																																																
		30	28.00	30.19	4.65		79109-1014	79109-1038	79109-8414		79109-1064	79109-1088	79109-8464		79109-1114	-	-																																																																
		32	30.00	32.19	4.65		79109-1015	79109-1039	79109-8415		79109-1065	79109-1089	79109-8465		79109-1115	-	-																																																																
		34	32.00	34.19	4.65		79109-1016	79109-1040	79109-8416		79109-1066	79109-1090	79109-8466		79109-1116	-	-																																																																
		36	34.00	36.19	4.65		79109-1017	79109-1041	79109-8417		79109-1067	79109-1091	79109-8467		79109-1117	-	-																																																																
		38	36.00	38.19	4.65		79109-1018	79109-1042	79109-8418		79109-1068	79109-1092	79109-8468		79109-1118	-	-																																																																
		40	38.00	40.19	4.65		79109-1019	79109-1043	79109-8419		79109-1069	79109-1093	79109-8469		79109-1119	-	-																																																																
		42	40.00	42.19	4.65		79109-1020	79109-1044	79109-8420		79109-1070	79109-1094	79109-8470		79109-1120	-	-																																																																
C		44	42.00	44.19	4.65		79109-1021	79109-1045	79109-8421		79109-1071	79109-1095	79109-8471		79109-1121	-	-																																																																
		46	44.00	46.19	4.65		79109-1022	79109-1046	79109-8422		79109-1072	79109-1096	79109-8472		79109-1122	-	-																																																																
		48	46.00	48.19	4.65		79109-1023	79109-1047	79109-8423		79109-1073	79109-1097	79109-8473		79109-1123	-	-																																																																
		50	48.00	50.19	4.65		79109-1024	79109-1048	79109-8424		79109-1074	79109-1098	79109-8474		79109-1124	-	-																																																																
		10	8.00	10.19	4.65		79109-2704	-	-		-	-	-		-	-	-	-																																																															
		"X" INDICATES TOOLING NOT AVAILABLE.																																																																															
		SPECIAL PACKAGING (TAPE PACKED WITHOUT CAP)																																																																															
		ASSEMBLIES WITHOUT PEGS																																																																															
		VOIDED CIRCUIT OPTION																																																																															
		B		CKT. SIZE	ASSEMBLY (WITHOUT CAP IN TUBE)	VOID LOCATION(S) SEE SHEET 1 FOR CONVENTION		PLATING OPTION	DIM."A"	DIM."B"	DIM."D"	NOTES: 1. TERMINALS WILL BE PRESENT IN VOIDED LOCATIONS. HOWEVER, PIN WINDOWS WILL BE CLOSED. 2. VOIDS CAN ONLY BE PRESENT IN ONE ROW OF A CONNECTOR.																																																																					
PART NUMBER.	ROW				CKT. NO.(S)																																																																												
		22	79109-5011	A	2	4	20.00	22.19	4.65																																																																								
		6	79109-5012	A	2	5	4.00	6.19	4.65																																																																								
A		CKT. SIZE	ASSEMBLY (WITH CAP IN T&R)	VOID LOCATION(S) SEE SHEET 1 FOR CONVENTION		PLATING OPTION	DIM."A"	DIM."B"	DIM."D"	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td>DIMENSION UNITS</td><td>SCALE</td><td colspan="3" rowspan="2">CURRENT REV DESC: Adding new part numbers</td><td colspan="3" rowspan="2"> molex </td></tr><tr><td>mm</td><td>NTS</td></tr><tr><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="3" rowspan="5">EC NO: CO-000042098 DRWN: Meghraj Boodagatti 22-Apr-2026 CHK'D: Meghraj Boodagatti 08-Jun-2026 APPR: Saravanakumar Murugesan 08-Jun-2026</td><td colspan="3" rowspan="5">2MM DUAL ROW VERTICAL RECEPTACLE, SMT</td></tr><tr><td colspan="2">ANGULAR TOL ± 3°</td></tr><tr><td>4 PLACES ± 0</td></tr><tr><td>3 PLACES ± 0</td></tr><tr><td>2 PLACES ± 0.25</td></tr><tr><td>1 PLACE ± 0.38</td><td colspan="3" rowspan="2">INITIAL REVISION: DRWN: ATSEE 24-Jul-2014 APPR: LBLEE 01-Aug-2014</td><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>0 PLACES ± 0</td><td colspan="2">SDA-79109-XXXX</td><td>PSD</td><td>001</td><td>N12</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td>A3-SIZE</td><td>79109</td><td colspan="2"></td><td colspan="2">GENERAL MARKET</td><td colspan="2">3 OF 10</td></tr></table>										DIMENSION UNITS	SCALE	CURRENT REV DESC: Adding new part numbers			molex			mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: CO-000042098 DRWN: Meghraj Boodagatti 22-Apr-2026 CHK'D: Meghraj Boodagatti 08-Jun-2026 APPR: Saravanakumar Murugesan 08-Jun-2026			2MM DUAL ROW VERTICAL RECEPTACLE, SMT			ANGULAR TOL ± 3°		4 PLACES ± 0	3 PLACES ± 0	2 PLACES ± 0.25	1 PLACE ± 0.38	INITIAL REVISION: DRWN: ATSEE 24-Jul-2014 APPR: LBLEE 01-Aug-2014			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	0 PLACES ± 0	SDA-79109-XXXX		PSD	001	N12	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER						A3-SIZE	79109			GENERAL MARKET		3 OF 10	
			DIMENSION UNITS	SCALE	CURRENT REV DESC: Adding new part numbers															molex																																																													
		mm	NTS																																																																														
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: CO-000042098 DRWN: Meghraj Boodagatti 22-Apr-2026 CHK'D: Meghraj Boodagatti 08-Jun-2026 APPR: Saravanakumar Murugesan 08-Jun-2026			2MM DUAL ROW VERTICAL RECEPTACLE, SMT																																																																												
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0 PLACES ± 0				SDA-79109-XXXX		PSD	001	N12																																																																									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER																																																																							
				A3-SIZE	79109			GENERAL MARKET		3 OF 10																																																																							
50	79109-8924	A	13, 23	5	48.00	50.19	4.65																																																																										
				B	23																																																																												
DOCUMENT STATUS		Production	RELEASE DATE	08-Jun-2026	04:55:11																																																																												
10		9		8		7		6		5		4		3		2		1																																																															

PEG OPTION



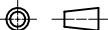
- PLATING OPTION:**
- (4). 30µin (0.75µm) MIN. GOLD PLATE IN SELECTED AREA AND 75µin (1.88µm) MIN. TIN IN SELECTED AREA OVER 50µin (1.25µm) MIN. NICKEL OVER-ALL.
 - (5). 15µin (0.38µm) MIN. GOLD PLATE IN SELECTED AREA AND 75µin (1.88µm) MIN. TIN IN SELECTED AREA OVER 50µin (1.25µm) MIN. NICKEL OVER-ALL.
 - (6). 5µin (0.13µm) MIN. GOLD PLATE IN SELECTED AREA AND 75µin (1.88µm) MIN. TIN IN SELECTED AREA OVER 50µin (1.25µm) MIN. NICKEL OVER-ALL.

- NOTES:**
- 1. HOUSING MATERIAL: GLASS FILLED HIGH TEMP. THERMOPLASTIC. COLOR:BLACK.
 - 2. TERMINAL MATERIAL: PHOSPHOR BRONZE.
 - 3. SEE APPROPRIATE SHEET FOR CIRCUIT SIZE, PART NUMBERS AND OVER-ALL DIMENSIONS.
 - 4. FOR ILLUSTRATION, 6 & 12 CIRCUIT ASSEMBLY SHOWN.
 - 5. REFER TO PRODUCT SPECIFICATION PS-79107.
 - 6. TUBE PACKAGING PER PK-70873-0217 OR TAPE PACKAGING PER 70873-0259.
 - 7. SEE PSX-79107 FOR SUGGESTED BOTTOM ENTRY PIN LENGTHS.
 - 8. 0.89±0.05 DIA FOR PRESS FIT ONLY. 0.99±0.05 FOR PICK AND PLACE WITH MOUNTING FORCE 1.20±0.076 FOR PICK AND PLACE WITH ZERO MOUNTING FORCE
 - 9. MEASUREMENT IS TAKEN BETWEEN THE TANGENT OF THE TOE TO TIP OF THE TERMINAL.



RECOMMENDED PCB LAYOUT

RECOMMENDED PCB LAYOUT (BOTTOM ENTRY)

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: Adding new part numbers				molex 2MM DUAL ROW VERTICAL RECEPTACLE, SMT			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3°											
4 PLACES		±	0	EC NO: CO-000042098				PRODUCT CUSTOMER DRAWING			
3 PLACES		±	0	DRWN: Meghraj Boodagatti		22-Apr-2026					
2 PLACES		±	0.25	CHK'D: Meghraj Boodagatti		08-Jun-2026					
1 PLACE		±	0.38	APPR: Saravanakumar Murugesan		08-Jun-2026					
0 PLACES		±	0	INITIAL REVISION:				DOCUMENT NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: ATSEE				SDA-79109-XXXX			
				APPR: LBLEE				DOC TYPE			
				24-Jul-2014				DOC PART			
THIRD ANGLE PROJECTION				DRAWING		SERIES		REVISION			
				A3-SIZE		79109		PSD 001 N12			
								SHEET NUMBER			
								GENERAL MARKET 4 OF 10			

10	9	8	7	6	5	4	3	2	1																																																																																																																																																																														
PEG OPTION																																																																																																																																																																																							
CKT. SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	PLATING OPTION 5					PLATING OPTION 4					PLATING OPTION 6																																																																																																																																																																								
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04	2.00	4.19	-	4.65		79109-1201		79109-8601		79109-1225		79109-1251	79109-1275		79109-8651		79109-1301	-																																																																																																																																																																					
06	4.00	6.19	2.00	4.65		79109-1202		79109-8602		79109-1226		79109-1252	79109-1276		79109-8652		79109-1302	-																																																																																																																																																																					
08	6.00	8.19	4.00	4.65		79109-1203		79109-8603		79109-1227		79109-1253	79109-1277		79109-8653		79109-1303	-																																																																																																																																																																					
10	8.00	10.19	6.00	4.65		79109-1204		79109-8604		79109-1228		79109-1254	79109-1278		79109-8654		79109-1304	-																																																																																																																																																																					
12	10.00	12.19	8.00	4.65		79109-1205		79109-8605		79109-1229		79109-1255	79109-1279		79109-8655		79109-1305	-																																																																																																																																																																					
14	12.00	14.19	10.00	4.65		79109-1206		79109-8606		79109-1230		79109-1256	79109-1280		79109-8656		79109-1306	-																																																																																																																																																																					
16	14.00	16.19	12.00	4.65		79109-1207		79109-8607		79109-1231		79109-1257	79109-1281		79109-8657		79109-1307	-																																																																																																																																																																					
18	16.00	18.19	14.00	4.65		79109-1208		79109-8608		79109-1232		79109-1258	79109-1282		79109-8658		79109-1308	-																																																																																																																																																																					
20	18.00	20.19	16.00	4.65		79109-1209		79109-8609		79109-1233		79109-1259	79109-1283		79109-8659		79109-1309	-																																																																																																																																																																					
22	20.00	22.19	18.00	4.65		79109-1210		79109-8610		79109-1234		79109-1260	79109-1284		79109-8660		79109-1310	-																																																																																																																																																																					
24	22.00	24.19	20.00	4.65		79109-1211		79109-8611		79109-1235		79109-1261	79109-1285		79109-8661		79109-1311	-																																																																																																																																																																					
26	24.00	26.19	22.00	4.65		79109-1212		79109-8612		79109-1236		79109-1262	79109-1286		79109-8662		79109-1312	-																																																																																																																																																																					
28	26.00	28.19	24.00	4.65		79109-1213		79109-8613		79109-1237		79109-1263	79109-1287		79109-8663		79109-1313	-																																																																																																																																																																					
30	28.00	30.19	26.00	4.65		79109-1214		79109-8614		79109-1238		79109-1264	79109-1288		79109-8664		79109-1314	-																																																																																																																																																																					
32	30.00	32.19	28.00	4.65		79109-1215		79109-8615		79109-1239		79109-1265	79109-1289		79109-8665		79109-1315	-																																																																																																																																																																					
34	32.00	34.19	30.00	4.65		79109-1216		79109-8616		79109-1240		79109-1266	79109-1290		79109-8666		79109-1316	-																																																																																																																																																																					
36	34.00	36.19	32.00	4.65		79109-1217		79109-8617		79109-1241		79109-1267	79109-1291		79109-8667		79109-1317	-																																																																																																																																																																					
38	36.00	38.19	34.00	4.65		79109-1218		79109-8618		79109-1242		79109-1268	79109-1292		79109-8668		79109-1318	-																																																																																																																																																																					
40	38.00	40.19	36.00	4.65		79109-1219		79109-8619		79109-1243		79109-1269	79109-1293		79109-8669		79109-1319	-																																																																																																																																																																					
42	40.00	42.19	38.00	4.65		79109-1220		79109-8620		79109-1244		79109-1270	79109-1294		79109-8670		79109-1320	-																																																																																																																																																																					
44	42.00	44.19	40.00	4.65		79109-1221		79109-8621		79109-1245		79109-1271	79109-1295		79109-8671		79109-1321	-																																																																																																																																																																					
46	44.00	46.19	42.00	4.65		79109-1222		79109-8622		79109-1246		79109-1272	79109-1296		79109-8672		79109-1322	-																																																																																																																																																																					
48	46.00	48.19	44.00	4.65		79109-1223		79109-8623		79109-1247		79109-1273	79109-1297		79109-8673		79109-1323	-																																																																																																																																																																					
50	48.00	50.19	46.00	4.65		79109-1224		79109-8624		79109-1248		79109-1274	79109-1298		79109-8674		79109-1324	-																																																																																																																																																																					
08	6.00	8.19	4.00	4.65		79109-2705																																																																																																																																																																																	
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<table><tr><td colspan="19">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="15" rowspan="4">CURRENT REV DESC: Adding new part numbers</td><td colspan="4" rowspan="3"> mo lex </td></tr><tr><td colspan="2">mm</td><td colspan="2">NTS</td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td colspan="2">ANGULAR TOL</td><td colspan="2">± 3 °</td></tr><tr><td colspan="2">4 PLACES</td><td colspan="2">± 0</td><td colspan="15" rowspan="4">EC NO: CO-000042098 DRWN: Meghraj Boodagatti 22-Apr-2026 CHK'D: Meghraj Boodagatti 08-Jun-2026 APPR: Saravanakumar Murugesan 08-Jun-2026</td><td colspan="4" rowspan="3">PRODUCT CUSTOMER DRAWING</td></tr><tr><td colspan="2">3 PLACES</td><td colspan="2">± 0</td></tr><tr><td colspan="2">2 PLACES</td><td colspan="2">± 0.25</td></tr><tr><td colspan="2">1 PLACE</td><td colspan="2">± 0.38</td></tr><tr><td colspan="2">0 PLACES</td><td colspan="2">± 0</td><td colspan="15" rowspan="3">INITIAL REVISION: DRWN: ATSEE 24-Jul-2014 APPR: LBLEE 01-Aug-2014</td><td colspan="2">DOCUMENT NUMBER</td><td colspan="2">DOC TYPE</td><td colspan="2">DOC PART</td><td colspan="2">REVISION</td></tr><tr><td colspan="2" rowspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2" rowspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">DRAWING</td><td colspan="2">SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="2">A3-SIZE</td><td colspan="2">79109</td><td colspan="2">SDA-79109-XXXX</td><td colspan="2">PSD</td><td colspan="2">001</td><td colspan="2">N12</td></tr><tr><td colspan="2">DOCUMENT STATUS</td><td colspan="2">Production</td><td colspan="2">RELEASE DATE</td><td colspan="2">08-Jun-2026</td><td colspan="2">04:55:11</td><td colspan="9"></td><td colspan="2">GENERAL MARKET</td><td colspan="2">5 OF 10</td></tr></table>																			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: Adding new part numbers															mo lex				mm		NTS		GENERAL TOLERANCES (UNLESS SPECIFIED)				ANGULAR TOL		± 3 °		4 PLACES		± 0		EC NO: CO-000042098 DRWN: Meghraj Boodagatti 22-Apr-2026 CHK'D: Meghraj Boodagatti 08-Jun-2026 APPR: Saravanakumar Murugesan 08-Jun-2026															PRODUCT CUSTOMER DRAWING				3 PLACES		± 0		2 PLACES		± 0.25		1 PLACE		± 0.38		0 PLACES		± 0		INITIAL REVISION: DRWN: ATSEE 24-Jul-2014 APPR: LBLEE 01-Aug-2014															DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		A3-SIZE		79109		SDA-79109-XXXX		PSD		001		N12		DOCUMENT STATUS		Production		RELEASE DATE		08-Jun-2026		04:55:11											GENERAL MARKET		5 OF 10	
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9		8		7		6		5		4		3		2		1																																																																																																																																																																							

PEG OPTION

SPECIAL PACKAGING (TAPE PACKED WITHOUT CAP)

N10

CKT. SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	ITEM NO.	PLATING OPTION SEE SHEET 1
50	48.00	50.19	46.00	4.65	79109-9103	5
10	8.00	10.19	6.00	4.65	79109-9105	5

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DIMENSION UNITS	SCALE	CURRENT REV DESC: Adding new part numbers		molex 2MM DUAL ROW VERTICAL RECEPTACLE, SMT		
mm	NTS					
GENERAL TOLERANCES (UNLESS SPECIFIED)						
ANGULAR TOL ± 3 °						
4 PLACES	± 0	EC NO: CO-000042098		PRODUCT CUSTOMER DRAWING		
3 PLACES	± 0	DRWN: Meghraj Boodagatti 22-Apr-2026				
2 PLACES	± 0.25	CHK'D: Meghraj Boodagatti 08-Jun-2026				
1 PLACE	± 0.38	APPR: Saravanakumar Murugesan 08-Jun-2026		INITIAL REVISION:		
0 PLACES	± 0	DRWN: ATSEE 24-Jul-2014				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: LBLEE 01-Aug-2014		DOCUMENT NUMBER		
		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER
				A3-SIZE	79109	CUSTOMER
						GENERAL MARKET
						SHEET NUMBER
						6 OF 10

SDA-79109-XXXX

PSD

001

N12

DOCUMENT STATUS

Production

RELEASE DATE

08-Jun-2026

04:55:11

10987654321

SPECIAL - CUSTOM TERMINAL FEET

VOIDED CURCUIT OPTION

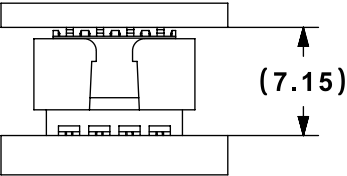
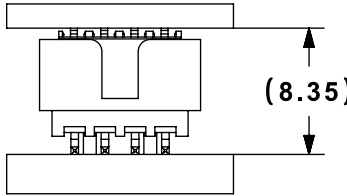
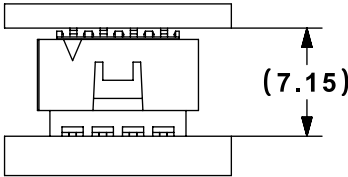
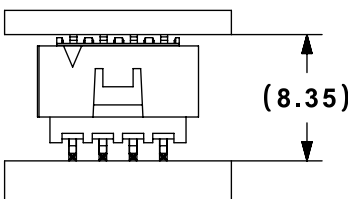
CKT. SIZE	ASSEMBLY			VOID LOCATION(S) SEE SHEET 1 FOR CONVENTION		PLATING OPTION	DIM."A"	DIM."B"	DIM."C"	DIM."D"	PEG OPTION
	ITEM NO. TUBE PACKED (WITHOUT CAP)		ITEM NO. TAPE PACKED (WITH CAP)	ROW	CKT. NO.(S)						
48	79109-7011	X	79109-8385	ROW A	1, 24	5	46.00	48.19	44.00	4.70	YES
42	79109-7012	X	79109-8386	ROW A	1, 21	5	40.00	42.19	38.00	4.70	YES
20	79109-7013	X	79109-8387	ROW A	1, 10	5	18.00	20.19	16.00	4.70	YES
50	79109-7014	X	79109-8388	ROW B	13	5	48.00	50.19	46.00	4.70	YES
50	79109-7017	X	79109-8988	ROW B	13	5	48.00	50.19	46.00	4.70	NO

'X' INDICATES TOOLING NOT AVAILABLE.

NOTES:

1. TERMINALS WILL BE PRESENT IN VOIDED LOCATIONS. HOWEVER, PIN WINDOWS WILL BE CLOSED.
2. VOIDS CAN ONLY BE PRESENT IN ONE ROW OF A CONNECTOR.

BOARD TO BOARD (BTB) DISTANCE

RECEPTACLE	MATES WITH(HEADER)	BTB DISTANCE	PICTORIAL VIEW
79109	87831	7.15	
	87832	8.35	
	151117	7.15	
	151118	8.35	

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DIMENSION UNITS	SCALE
mm	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3 °
4 PLACES	± 0
3 PLACES	± 0
2 PLACES	± 0.25
1 PLACE	± 0.38
0 PLACES	± 0
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: Adding new part numbers

EC NO: CO-000042098
DRWN: Meghraj Boodagatti 22-Apr-2026
CHK'D: Meghraj Boodagatti 08-Jun-2026
APPR: Saravanakumar Murugesan 08-Jun-2026

INITIAL REVISION:
DRWN: ATSEE 24-Jul-2014
APPR: LBLEE 01-Aug-2014

THIRD ANGLE PROJECTION

DRAWING A3-SIZE

SERIES 79109

2MM DUAL ROW VERTICAL RECEPTACLE, SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-79109-XXXX

DOC TYPE

PSD

DOC PART

001

REVISION

N12

MATERIAL NUMBER

CUSTOMER

GENERAL MARKET

SHEET NUMBER

10 OF 10

DOCUMENT STATUS

Production

RELEASE DATE

08-Jun-2026 04:55:11

FORMAT: master-lb-prod-A3
REVISION: 11
DATE: 2021/05/01