

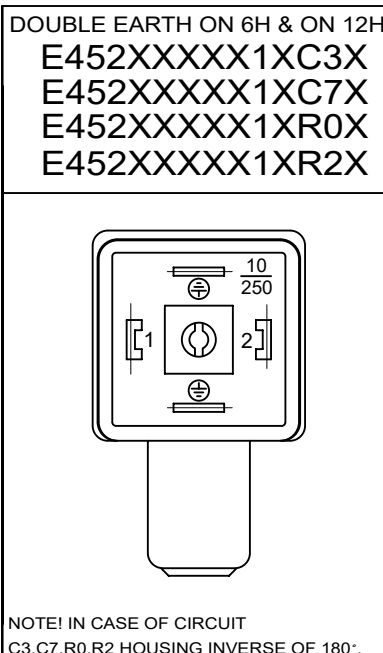
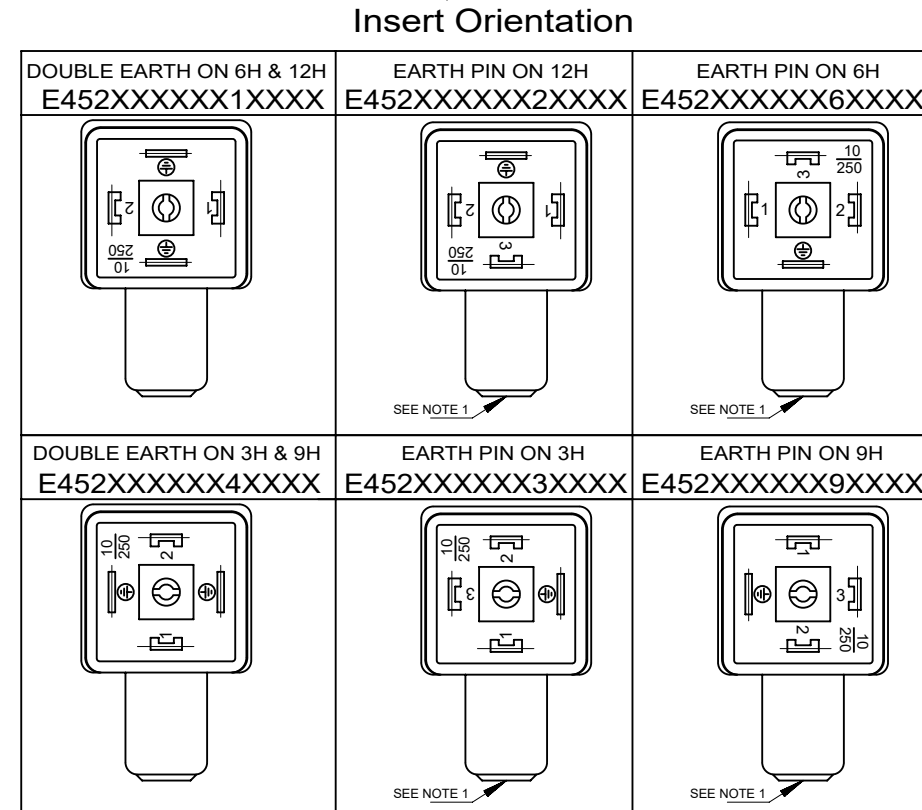
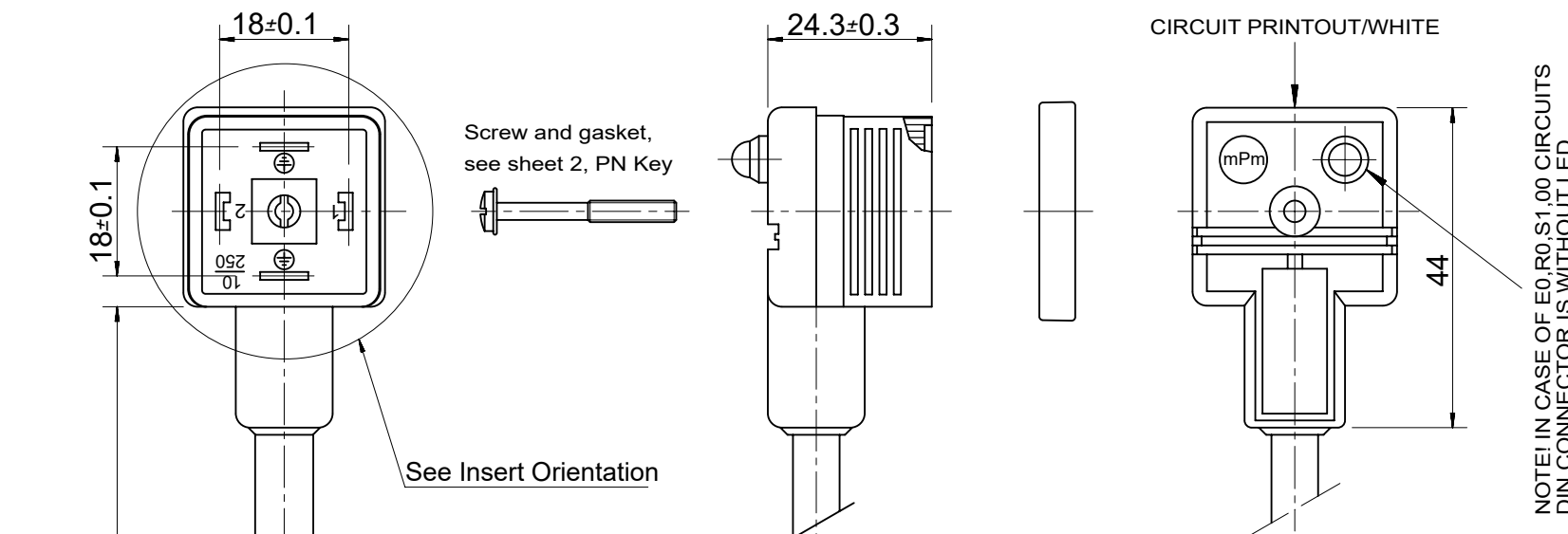
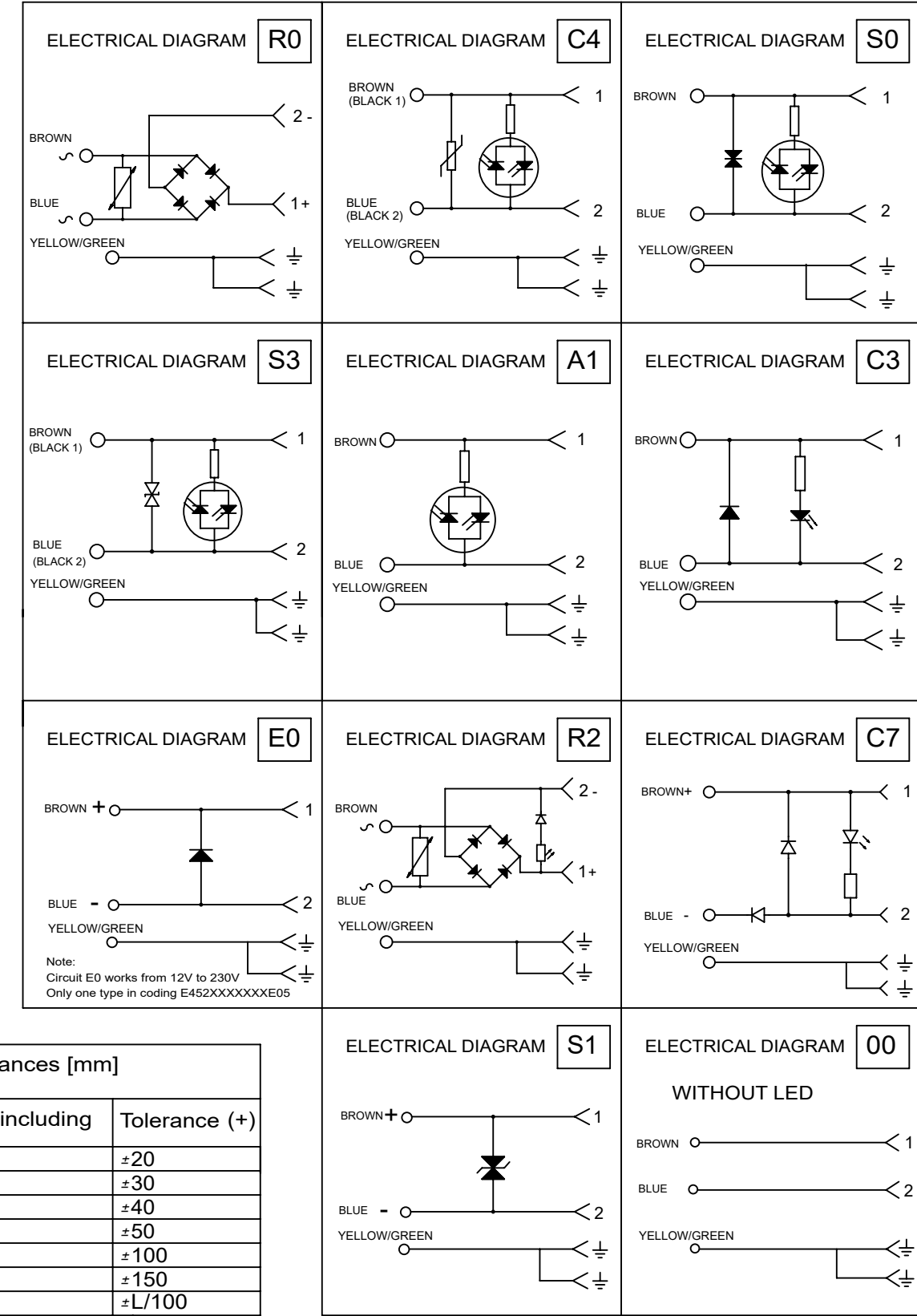


Table of length tolerances [mm]		
Over	Up to and including	Tolerance (+)
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

WIRING CONFIGURATION



NOTES:
1. FOR HARNESS WITH GROUND ONLY IN:
3H,6H,9H or 12H PIN 3 IS N/C.



FORMAT: Met-lega-master-ib-prod-A3 REVISION: 1 DATE: 20210501	9	8	7	6	5	4	3	2	1
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TABLE 2 - CABLES

Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors
1210180384	R	3	3	0.75 mm²	TPR HAL. FREE	Black	6.5±0.2	BN, BU, GN/YE
1210180094	T	3	3	0.75 mm²	PUR CSA/UL 20668	Yellow	6.5±0.2	BN, BU, GN/YE
1210180309	Y	3	3	0.75 mm²	SILICONE RUBBER	Red	6.5±0.2	BN, BU, GN/YE
1210180081	F	4	3	1 mm²	PVC CNOMO	Grey	7.1+0.2/-0	BK1, BK2, GN/YE
1210180042	I	4	2	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU
1210180079	I	4	3	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU, GN/YE
1210180036	N	4	2	1 mm²	PVC H05VV-F	Black	6.5±0.2	BN, BU
1210180082	N	4	3	1 mm²	PVC H05VV-F	Black	6.9±0.2	BN, BU, GN/YE
1210180117	R	4	3	1 mm²	TPR HAL. FREE	Black	7.1±0.2	BN, BU, GN/YE
1210180085	N	5	3	1.5 mm²	PVC H05VV-F	Black	7.9±0.2	BN, BU, GN/YE
1210180313	I	6	2	0.35 mm²	PVC CEI 2011	Grey	4.8±0.2	BN, WH
1210180149	I	9	4	0.75 mm²	PVC CEI 2022 II	Grey	7.3±0.2	BN, BU, BK, GN/YE

Code	Cable types	Features	Cable type Cross section
N	PVC	Application general purpose cable which has good resistance to water, but usually poor oil resistance.	N2=0.5 mm2 N3=0.75 mm2 N4=1 mm2
I	CEI	Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	I2=0.5 mm2 I3=0.75 mm2 I4=1 mm2
P	PUR	Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	P2=0.5 mm2 P3=0.75 mm2 P4=1 mm2
A	PVC CSA-UL	Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	A2=20 AWG A3=18 AWG
B	PUR CSA-UL	Approved to CSA-UL 20668, very good resistance to oil and chemicals.	B2=20 AWG B3=18 AWG

9	8	7	6	5	4	3	2	1
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9	8	7	6	5	4	3	2	1
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TABLE 3 - PART LIST

Pos.	Molex PN:	Engineering No.:
161	N/A	N/A
162	N/A	N/A
163	1210500769	E452P2N50011C4H
164	N/A	N/A
165	N/A	N/A
166	N/A	N/A
167	1210500791	E452P3N10012C4H
168	1210500792	E452P3N10012C4L
169	N/A	N/A
170	N/A	N/A
171	1210500803	E452P3N20011C42
172	1210500807	E452P3N30011C3H
173	1210500810	E452P3N30011C4H
174	1210500812	E452P3N30011S0B
175	1210500814	E452P3N30011S0H
176	N/A	N/A
177	1210500816	E452P3N30012C4L
178	1210500817	E452P3N50011C3H
179	1210500819	E452P3N50011C4H
180	1210500821	E452P3N50011S02
181	N/A	N/A
182	1210500823	E452P3N50011S0H
183	N/A	N/A
184	N/A	N/A
185	1210500827	E452P3N50012C4L
186	N/A	N/A
187	1210501561	E452N3N50011C4M
188	N/A	N/A
189	N/A	N/A
190	N/A	N/A
191	N/A	N/A
192	1210501581	E452P3N07011C4H
193	N/A	N/A
194	N/A	N/A
195	N/A	N/A
196	1210501607	E452N3N10013C4H
197	N/A	N/A
198	N/A	N/A
199	1210501610	E452P2N30011C4H
200	N/A	N/A

Pos.	Molex PN:	Engineering No.:
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203	1210501632	E452P2N20011C42
204	1210501647	E452P3N20011S02
205	1210501656	E452A2A50012C4H
206	N/A	N/A
207	1210501664	E452P3N10011C4H
208	1210501674	E452A3A20011C44
209	N/A	N/A
210	N/A	N/A
211	N/A	N/A
212	N/A	N/A
213	N/A	N/A
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215	N/A	N/A
216	1210501749	E452A2A15011C4H
217	1210501764	E452N3N06011A12
218	1210501766	E452N3N10011A12
219	1210501780	E452A3A30011R2L
220	1210501781	E452B3A30011C4H
221	1210501795	E452I2N10K11C4H
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226	N/A	N/A
227	N/A	N/A
228	N/A	N/A
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231	1210501879	E452A3A30011C4L
232	N/A	N/A
233	1210501887	E452A3A50011C7H
234	1210501888	E452A3A20011C7H
235	1210501889	E452P3N3001PS0H
236	1210501890	E452P3N5001PS0H
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243	1210501942	E452N3N1001PS0H
244	N/A	N/A
245	1210501962	E452P3N3001PC4H
246	1210501966	E452A3A50012C3H
247	N/A	N/A
248	N/A	N/A
249	1210501998	E452P3N1001PC4H
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251	N/A	N/A
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261	1210502039	E452N3N3001PC4H
262	N/A	N/A
263	N/A	N/A
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265	1210502052	E452P3N2001PC3H
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268	N/A	N/A
269	N/A	N/A
270	N/A	N/A
271	N/A	N/A
272	N/A	N/A
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276	N/A	N/A
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279	N/A	N/A
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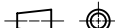
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285	N/A	N/A
286	1210502214	E452N2N15041C4H
287	1210502219	E452I4N50011R2M
288	1210502223	E452P3N5001PC4H
289	N/A	N/A
290	1210502233	E452N3N5001PS0H
291	N/A	N/A
292	N/A	N/A
293	N/A	N/A
294	N/A	N/A
295	N/A	N/A
296	1210502259	E452A3A20011C42
297	1210502262	E452N3N40011R2M
298	N/A	N/A
299	N/A	N/A
300	N/A	N/A
301	1210502289	E452I4N5001PC4H
302	1210502309	E452N3N4001PC4H
303	N/A	N/A
304	N/A	N/A
305	1210502317	E452N2N10011A12
306	1210502318	E452N3N2001PC3H
307	N/A	N/A
308	1210502334	E452A3A30011C42
309	N/A	N/A
310	1210502341	E452N3N10K11C4H
311	N/A	N/A
312	1210502352	E452N3N50012S02
313	N/A	N/A
314	1210502357	E452B3A50011C4H
315	N/A	N/A
316	N/A	N/A
317	N/A	N/A
318	N/A	N/A
319	1210502396	E452P3N10K11C4H
320	N/A	N/A

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/30	13:30:42
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FORMAT: Met-leg.
REVISION: E1
DATE: 2021/05/01

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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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515183				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)								E452XXXXXXXXXX DIN FORM A EN 175301-803							
		MM	INCH	EC NO: 826028 DRWN: SANATK1 2025/05/06 CHK'D: GGA 2025/06/30 APPR: GGA 2025/06/30				PRODUCT CUSTOMER DRAWING							
4 PLACES	±	±	±												
3 PLACES	±	±	±												
2 PLACES	±	±	±												
1 PLACE	±	±	±												
0 PLACES				INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
ANGULAR TOL ± °				DRWN: JMARSZALEK 2012/08/27 APPR: MDYSZEWSKA 2012/08/20				SD-121050-001		PSD		001		E2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		121050		SEE TABLE		GENERAL MARKET		5 OF 28			

FIRST ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBERCUSTOMERSHEET NUMBER

Pos.	Molex PN:	Engineering No.:
321	N/A	N/A
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344	N/A	N/A
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347	N/A	N/A
348	1210502524	E452P2N20011C3B
349	N/A	N/A
350	N/A	N/A
351	N/A	N/A
352	N/A	N/A
353	N/A	N/A
354	N/A	N/A
355	N/A	N/A
356	1210502543	E452P2N50011C4G
357	N/A	N/A
358	N/A	N/A
359	N/A	N/A
360	1210502554	E452N3N5001PS02

Pos.	Molex PN:	Engineering No.:
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363	N/A	N/A
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365	N/A	N/A
366	1210502568	E452B2B10011A12
367	N/A	N/A
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370	N/A	N/A
371	N/A	N/A
372	N/A	N/A
373	1210502584	E452N3N03011A12
374	1210502585	E452P3N5001PC4L
375	N/A	N/A
376	N/A	N/A
377	N/A	N/A
378	1210502596	E452P3N20012C4H
379	N/A	N/A
380	N/A	N/A
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383	N/A	N/A
384	N/A	N/A
385	N/A	N/A
386	1210502619	E452B3A3001PA1H
387	1210502620	E452B3A3001PA1L
388	1210502621	E452B3A3001PA1M
389	N/A	N/A
390	N/A	N/A
391	N/A	N/A
392	N/A	N/A
393	1210502634	E452I4N3001PR2M
394	N/A	N/A
395	1210502638	E452N3N25041C42
396	N/A	N/A
397	N/A	N/A
398	N/A	N/A
399	N/A	N/A
400	N/A	N/A

Pos.	Molex PN:	Engineering No.:
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402	N/A	N/A
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404	N/A	N/A
405	N/A	N/A
406	N/A	N/A
407	1210502662	E452P3N10K1PC4H
408	N/A	N/A
409	N/A	N/A
410	N/A	N/A
411	N/A	N/A
412	1210502676	E452I2N20012S12
413	1210502678	E452A3A3001RC42
414	N/A	N/A
415	N/A	N/A
416	N/A	N/A
417	N/A	N/A
418	N/A	N/A
419	N/A	N/A
420	N/A	N/A
421	N/A	N/A
422	N/A	N/A
423	N/A	N/A
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425	N/A	N/A
426	N/A	N/A
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430	N/A	N/A
431	N/A	N/A
432	N/A	N/A
433	N/A	N/A
434	N/A	N/A
435	N/A	N/A
436	1210502861	W452A3A10K1RS0H
437	N/A	N/A
438	1210502863	W452N3N3001RC4B
439	N/A	N/A
440	1210502865	W452N3N2001RC4B

Pos.	Molex PN:	Engineering No.:
441	N/A	N/A
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443	N/A	N/A
444	N/A	N/A
445	N/A	N/A
446	1210502871	W452N3N5001RC4B
447	N/A	N/A
448	N/A	N/A
449	1210502875	W452N3N2001RA1E
450	N/A	N/A
451	1210502877	W452N3N2001RC3A
452	N/A	N/A
453	N/A	N/A
454	1210502892	W452N3N2001RC4E
455	1210502893	W452N3N5001RC3B
456	N/A	N/A
457	N/A	N/A
458	N/A	N/A
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470	N/A	N/A
471	N/A	N/A
472	N/A	N/A
473	1210502958	W452N3N2001RC3B
474	N/A	N/A
475	N/A	N/A
476	N/A	N/A
477	N/A	N/A
478	N/A	N/A
479	N/A	N/A
480	N/A	N/A

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515183		molex E452XXXXXXXXXX DIN FORM A EN 175301-803			
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)						PRODUCT CUSTOMER DRAWING			
	MM	INCH							
4 PLACES	±	±		EC NO: 826028		2025/05/06			
3 PLACES	±	±		DRWN: SANATK1					
2 PLACES	±	±		CHK'D: GGA					
1 PLACE	±	±		APPR: GGA		2025/06/30			
0 PLACES	±	±		INITIAL REVISION:		2025/06/30			
ANGULAR TOL ± °				DRWN: JMARSZALEK		2012/08/27			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: MDYSZEWSKA		2012/08/20			
FIRST ANGLE PROJECTION				DRAWING		SERIES		DOCUMENT NUMBER	
				A3-SIZE		121050		SD-121050-001	
								DOC TYPE	
								DOC PART	
								REVISION	
								PSD	
								001	
								E2	
								SHEET NUMBER	
								6 OF 28	

FORMAT: Met-lega-master-lb-prod-A3
REVISION: E1
DATE: 2021/06/01

Pos.	Molex PN:	Engineering No.:
601	N/A	N/A
602	N/A	N/A
603	N/A	N/A
604	N/A	N/A
605	N/A	N/A
606	N/A	N/A
607	N/A	N/A
608	N/A	N/A
609	N/A	N/A
610	1210503463	E452N3N05011C41
611	N/A	N/A
612	N/A	N/A
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615	N/A	N/A
616	1210503491	E452A3A30011C7H
617	N/A	N/A
618	1210503498	E452B2A3001PC4H
619	N/A	N/A
620	N/A	N/A
621	1210503507	E452B2A3001PC4L
622	N/A	N/A
623	N/A	N/A
624	N/A	N/A
625	1210503512	E452N3N10K1PC4H
626	1210503517	E452N2N1501PS0H
627	N/A	N/A
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630	N/A	N/A
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FORMAT: Met-lega
REVISION: E1
DATE: 2021/06/01

FORMAT: Met-lega
REVISION: E1
DATE: 2021/06/01

TABLE 3 - PART LIST

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1126	N/A	N/A
1127	N/A	N/A
1128	N/A	N/A
1129	N/A	N/A
1130	N/A	N/A
1131	N/A	N/A
1132	N/A	N/A
1133	N/A	N/A
1134	N/A	N/A
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1139	N/A	N/A
1140	N/A	N/A
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1143	N/A	N/A
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1146	N/A	N/A
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1148	N/A	N/A
1149	N/A	N/A
1150	N/A	N/A
1151	N/A	N/A
1152	N/A	N/A
1153	N/A	N/A
1154	N/A	N/A
1155	N/A	N/A
1156	N/A	N/A
1157	N/A	N/A
1158	N/A	N/A
1159	N/A	N/A
1160	N/A	N/A

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515183				molex E452XXXXXXXXXXX DIN FORM A EN 175301-803							
mm		NTS		EC NO: 826028 DRWN: SANATK1 2025/05/06 CHK'D: GGA 2025/06/30 APPR: GGA 2025/06/30											
GENERAL TOLERANCES (UNLESS SPECIFIED)															
	MM	INCH													
4 PLACES	±	±		EC NO: 826028 DRWN: SANATK1 2025/05/06 CHK'D: GGA 2025/06/30 APPR: GGA 2025/06/30				PRODUCT CUSTOMER DRAWING							
3 PLACES	±	±													
2 PLACES	±	±													
1 PLACE	±	±		INITIAL REVISION: DRWN: JMARSZALEK 2012/08/27 APPR: MDYSZEWSKA 2012/08/20				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
0 PLACES	±	±						SD-121050-001		PSD	001	E2			
ANGULAR TOL ± °				FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE		121050		SEE TABLE		GENERAL MARKET		8 OF 28	

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/30	13:30:42
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FORMAT: Met-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01

	10	9	8	7	6	5	4	3	2	1														
F	TABLE 3 - PART LIST										F													
E	Pos.	Molex PN:	Engineering No.:								Pos.	Molex PN:	Engineering No.:											
	1161	N/A	N/A								1281	N/A	N/A											
	1162	N/A	N/A								1282	N/A	N/A											
	1163	N/A	N/A								1283	N/A	N/A											
	1164	N/A	N/A								1284	N/A	N/A											
	1165	N/A	N/A								1285	N/A	N/A											
	1166	N/A	N/A								1286	N/A	N/A											
	1167	N/A	N/A								1287	N/A	N/A											
	1168	N/A	N/A								1288	N/A	N/A											
	1169	N/A	N/A								1289	N/A	N/A											
D	1170	N/A	N/A								1290	N/A	N/A											
	1171	N/A	N/A								1291	N/A	N/A											
	1172	N/A	N/A								1292	N/A	N/A											
	1173	N/A	N/A								1293	N/A	N/A											
	1174	N/A	N/A								1294	N/A	N/A											
	1175	N/A	N/A								1295	N/A	N/A											
	1176	N/A	N/A								1296	N/A	N/A											
	1177	N/A	N/A								1297	N/A	N/A											
	1178	N/A	N/A								1298	N/A	N/A											
	1179	N/A	N/A								1299	N/A	N/A											
C	1180	N/A	N/A								1300	N/A	N/A											
	1181	N/A	N/A								1301	N/A	N/A											
	1182	N/A	N/A								1302	N/A	N/A											
	1183	N/A	N/A								1303	N/A	N/A											
	1184	N/A	N/A								1304	N/A	N/A											
	1185	N/A	N/A								1305	N/A	N/A											
	1186	N/A	N/A								1306	N/A	N/A											
	1187	N/A	N/A								1307	2210501730	E452A3A10K11C4H											
	1188	N/A	N/A								1308	N/A	N/A											
	1189	N/A	N/A								1309	2210501732	E452A3A10K11C4L											
B	1190	N/A	N/A								1310	N/A	N/A											
	1191	2210501600	E452A3A10011C32								1311	N/A	N/A											
	1192	N/A	N/A								1312	N/A	N/A											
	1193	N/A	N/A								1313	N/A	N/A											
	1194	N/A	N/A								1314	N/A	N/A											
	1195	N/A	N/A								1315	N/A	N/A											
	1196	N/A	N/A								1316	N/A	N/A											
	1197	N/A	N/A								1317	N/A	N/A											
	1198	N/A	N/A								1318	N/A	N/A											
	1199	N/A	N/A								1319	N/A	N/A											
A	1200	N/A	N/A								1320	N/A	N/A											
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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515183									molex											
mm		NTS																						
GENERAL TOLERANCES (UNLESS SPECIFIED)													EC NO: 826028 DRWN: SANATK1 2025/05/06 CHK'D: GGA 2025/06/30 APPR: GGA 2025/06/30									E452XXXXXXXXXXX DIN FORM A EN 175301-803		
		MM	INCH																					
4 PLACES	±		±	INITIAL REVISION: DRWN: JMARSZALEK 2012/08/27 APPR: MDYSZEWSKA 2012/08/20																				
3 PLACES	±		±																					
2 PLACES	±		±																					
1 PLACE	±		±	PRODUCT CUSTOMER DRAWING																				
0 PLACES	±		±																					
ANGULAR TOL ± °													DOCUMENT NUMBER											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				FIRST ANGLE PROJECTION			DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER									
							A3-SIZE		121050		SEE TABLE		GENERAL MARKET		9 OF 28									
DOCUMENT STATUS	P1	RELEASE DATE	2025/06/30 13:30:42	7	6	5	4	3	2	1														
FORMAT: Met-lega-master-ib-prod-A3 REVISION: E1 DATE: 2021/05/01											9	8	7	6	5	4	3	2	1					

10	9	8	7	6	5	4	3	2	1
TABLE 3 - PART LIST									

TABLE 3 - PART LIST

Pos.	Molex PN:	Engineering No.:
3601	N/A	N/A
3602	N/A	N/A
3603	N/A	N/A
3604	N/A	N/A
3605	N/A	N/A
3606	N/A	N/A
3607	N/A	N/A
3608	N/A	N/A
3609	N/A	N/A
3610	N/A	N/A
3611	N/A	N/A
3612	N/A	N/A
3613	N/A	N/A
3614	N/A	N/A
3615	N/A	N/A
3616	N/A	N/A
3617	N/A	N/A
3618	N/A	N/A
3619	N/A	N/A
3620	N/A	N/A
3621	N/A	N/A
3622	N/A	N/A
3623	N/A	N/A
3624	2210504412	E452I4N20011A1G
3625	N/A	N/A
3626	N/A	N/A
3627	N/A	N/A
3628	N/A	N/A
3629	N/A	N/A
3630	N/A	N/A
3631	N/A	N/A
3632	N/A	N/A
3633	N/A	N/A
3634	N/A	N/A
3635	N/A	N/A
3636	N/A	N/A
3637	N/A	N/A
3638	N/A	N/A
3639	N/A	N/A
3640	N/A	N/A

Pos.	Molex PN:	Engineering No.:
3681	N/A	N/A
3682	N/A	N/A
3683	N/A	N/A
3684	N/A	N/A
3685	N/A	N/A
3686	2210504488	E452I4N20011R2M
3687	N/A	N/A
3688	N/A	N/A
3689	N/A	N/A
3690	N/A	N/A
3691	N/A	N/A
3692	N/A	N/A
3693	N/A	N/A
3694	N/A	N/A
3695	N/A	N/A
3696	N/A	N/A
3697	N/A	N/A
3698	N/A	N/A
3699	N/A	N/A
3700	N/A	N/A
3701	N/A	N/A
3702	N/A	N/A
3703	N/A	N/A
3704	N/A	N/A
3705	N/A	N/A
3706	N/A	N/A
3707	N/A	N/A
3708	N/A	N/A
3709	N/A	N/A
3710	N/A	N/A
3711	N/A	N/A
3712	N/A	N/A
3713	N/A	N/A
3714	N/A	N/A
3715	N/A	N/A
3716	N/A	N/A
3717	N/A	N/A
3718	N/A	N/A
3719	N/A	N/A
3720	N/A	N/A

N/A

N/A

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	±	°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

FIRST ANGLE PROJECTION



DRAWING

A3-SIZE

SERIES

121050

CURRENT REV DESC: REMOVED OBSOLETE PART
NUMBERS AS PER PCN#515183

EC NO: 826028

DRWN: SANATK1

CHK'D: GGA

APPR: GGA

2025/05/06

2025/06/30

2025/06/30

2025/06/30

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

2012/08/27

2012/08/20

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E2

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

17 OF 28

10

9

8

7

6

5

4

3

2

1

F

E

D

C

B

A

	10	9	8	7	6	5	4	3	2	1	
F	TABLE 3 - PART LIST										F
E											E
D											D
C											C
B											B
A											A

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515183	molex E452XXXXXXXXXX DIN FORM A EN 175301-803				
mm	NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)								
	MM	INCH						
4 PLACES	±	±	EC NO: 826028 DRWN: SANATK1 2025/05/06 CHK'D: GGA 2025/06/30 APPR: GGA 2025/06/30	PRODUCT CUSTOMER DRAWING				
3 PLACES	±	±						
2 PLACES	±	±						
1 PLACE	±	±						
0 PLACES	±	±	INITIAL REVISION:	DOCUMENT NUMBER				
ANGULAR TOL ± °			DRWN: JMARSZALEK 2012/08/27	SD-121050-001		DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPR: MDYSZEWSKA 2012/08/20	SEE TABLE		GENERAL MARKET	SHEET NUMBER	
			FIRST ANGLE PROJECTION	DRAWING	SERIES			
				A3-SIZE	121050			19 OF 28

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/30	13:30:42							
		9	8	7	6	5	4	3	2	1	

FORMAT: Met-lega-master-ib-prod-A3
REVISION: E1
DATE: 2021/05/01

Pos.	Molex PN:	Engineering No.:
4121	N/A	N/A
4122	N/A	N/A
4123	N/A	N/A
4124	N/A	N/A
4125	N/A	N/A
4126	N/A	N/A
4127	N/A	N/A
4128	N/A	N/A
4129	N/A	N/A
4130	N/A	N/A
4131	N/A	N/A
4132	N/A	N/A
4133	N/A	N/A
4134	N/A	N/A
4135	N/A	N/A
4136	N/A	N/A
4137	N/A	N/A
4138	N/A	N/A
4139	N/A	N/A
4140	N/A	N/A
4141	N/A	N/A
4142	N/A	N/A
4143	N/A	N/A
4144	N/A	N/A
4145	N/A	N/A
4146	N/A	N/A
4147	N/A	N/A
4148	N/A	N/A
4149	N/A	N/A
4150	N/A	N/A
4151	N/A	N/A
4152	N/A	N/A
4153	N/A	N/A
4154	N/A	N/A
4155	N/A	N/A
4156	2210505126	E452N2N30011C41
4157	N/A	N/A
4158	N/A	N/A
4159	N/A	N/A
4160	N/A	N/A

10		9		8		7		6		5		4		3		2		1																																																																																																																																									
TABLE 3 - PART LIST																																																																																																																																																											
<table><tr><td>Pos.</td><td>Molex PN:</td><td>Engineering No.:</td></tr><tr><td>4361</td><td>N/A</td><td>N/A</td></tr><tr><td>4362</td><td>N/A</td><td>N/A</td></tr><tr><td>4363</td><td>N/A</td><td>N/A</td></tr><tr><td>4364</td><td>N/A</td><td>N/A</td></tr><tr><td>4365</td><td>N/A</td><td>N/A</td></tr><tr><td>4366</td><td>N/A</td><td>N/A</td></tr><tr><td>4367</td><td>N/A</td><td>N/A</td></tr><tr><td>4368</td><td>N/A</td><td>N/A</td></tr><tr><td>4369</td><td>N/A</td><td>N/A</td></tr><tr><td>4370</td><td>N/A</td><td>N/A</td></tr><tr><td>4371</td><td>N/A</td><td>N/A</td></tr><tr><td>4372</td><td>N/A</td><td>N/A</td></tr><tr><td>4373</td><td>N/A</td><td>N/A</td></tr><tr><td>4374</td><td>N/A</td><td>N/A</td></tr><tr><td>4375</td><td>N/A</td><td>N/A</td></tr><tr><td>4376</td><td>N/A</td><td>N/A</td></tr><tr><td>4377</td><td>N/A</td><td>N/A</td></tr><tr><td>4378</td><td>N/A</td><td>N/A</td></tr><tr><td>4379</td><td>N/A</td><td>N/A</td></tr><tr><td>4380</td><td>N/A</td><td>N/A</td></tr><tr><td>4381</td><td>N/A</td><td>N/A</td></tr><tr><td>4382</td><td>N/A</td><td>N/A</td></tr><tr><td>4383</td><td>N/A</td><td>N/A</td></tr><tr><td>4384</td><td>N/A</td><td>N/A</td></tr><tr><td>4385</td><td>N/A</td><td>N/A</td></tr><tr><td>4386</td><td>N/A</td><td>N/A</td></tr><tr><td>4387</td><td>N/A</td><td>N/A</td></tr><tr><td>4388</td><td>N/A</td><td>N/A</td></tr><tr><td>4389</td><td>N/A</td><td>N/A</td></tr><tr><td>4390</td><td>N/A</td><td>N/A</td></tr><tr><td>4391</td><td>2210505435</td><td>E452N3N10K11C4M</td></tr><tr><td>4392</td><td>N/A</td><td>N/A</td></tr><tr><td>4393</td><td>N/A</td><td>N/A</td></tr><tr><td>4394</td><td>N/A</td><td>N/A</td></tr><tr><td>4395</td><td>N/A</td><td>N/A</td></tr><tr><td>4396</td><td>N/A</td><td>N/A</td></tr><tr><td>4397</td><td>N/A</td><td>N/A</td></tr><tr><td>4398</td><td>N/A</td><td>N/A</td></tr><tr><td>4399</td><td>N/A</td><td>N/A</td></tr><tr><td>4400</td><td>N/A</td><td>N/A</td></tr></table>																				Pos.	Molex PN:	Engineering No.:	4361	N/A	N/A	4362	N/A	N/A	4363	N/A	N/A	4364	N/A	N/A	4365	N/A	N/A	4366	N/A	N/A	4367	N/A	N/A	4368	N/A	N/A	4369	N/A	N/A	4370	N/A	N/A	4371	N/A	N/A	4372	N/A	N/A	4373	N/A	N/A	4374	N/A	N/A	4375	N/A	N/A	4376	N/A	N/A	4377	N/A	N/A	4378	N/A	N/A	4379	N/A	N/A	4380	N/A	N/A	4381	N/A	N/A	4382	N/A	N/A	4383	N/A	N/A	4384	N/A	N/A	4385	N/A	N/A	4386	N/A	N/A	4387	N/A	N/A	4388	N/A	N/A	4389	N/A	N/A	4390	N/A	N/A	4391	2210505435	E452N3N10K11C4M	4392	N/A	N/A	4393	N/A	N/A	4394	N/A	N/A	4395	N/A	N/A	4396	N/A	N/A	4397	N/A	N/A	4398	N/A	N/A	4399	N/A	N/A	4400	N/A	N/A													
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4380	N/A	N/A																																																																																																																																																									
4381	N/A	N/A																																																																																																																																																									
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4390	N/A	N/A																																																																																																																																																									
4391	2210505435	E452N3N10K11C4M																																																																																																																																																									
4392	N/A	N/A																																																																																																																																																									
4393	N/A	N/A																																																																																																																																																									
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DOCUMENT STATUS	P1	RELEASE DATE	2025/06/30	13:30:42							
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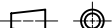
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REVISION: E1
DATE: 2021/05/01

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TABLE 3 - PART LIST																																																																																																																																				
<table><tr><td>Pos.</td><td>Molex PN:</td><td>Engineering No.:</td></tr><tr><td>5801</td><td>N/A</td><td>N/A</td></tr><tr><td>5802</td><td>N/A</td><td>N/A</td></tr><tr><td>5803</td><td>N/A</td><td>N/A</td></tr><tr><td>5804</td><td>N/A</td><td>N/A</td></tr><tr><td>5805</td><td>N/A</td><td>N/A</td></tr><tr><td>5806</td><td>N/A</td><td>N/A</td></tr><tr><td>5807</td><td>N/A</td><td>N/A</td></tr><tr><td>5808</td><td>N/A</td><td>N/A</td></tr><tr><td>5809</td><td>N/A</td><td>N/A</td></tr><tr><td>5810</td><td>N/A</td><td>N/A</td></tr><tr><td>5811</td><td>2210507415</td><td>E452P3N15011R25</td></tr><tr><td>5812</td><td>N/A</td><td>N/A</td></tr><tr><td>5813</td><td>N/A</td><td>N/A</td></tr><tr><td>5814</td><td>N/A</td><td>N/A</td></tr><tr><td>5815</td><td>N/A</td><td>N/A</td></tr><tr><td>5816</td><td>N/A</td><td>N/A</td></tr><tr><td>5817</td><td>N/A</td><td>N/A</td></tr><tr><td>5818</td><td>N/A</td><td>N/A</td></tr><tr><td>5819</td><td>N/A</td><td>N/A</td></tr><tr><td>5820</td><td>N/A</td><td>N/A</td></tr><tr><td>5821</td><td>N/A</td><td>N/A</td></tr><tr><td>5822</td><td>N/A</td><td>N/A</td></tr><tr><td>5823</td><td>N/A</td><td>N/A</td></tr><tr><td>5824</td><td>N/A</td><td>N/A</td></tr><tr><td>5825</td><td>N/A</td><td>N/A</td></tr><tr><td>5826</td><td>N/A</td><td>N/A</td></tr><tr><td>5827</td><td>N/A</td><td>N/A</td></tr><tr><td>5828</td><td>N/A</td><td>N/A</td></tr><tr><td>5829</td><td>N/A</td><td>N/A</td></tr><tr><td>5830</td><td>N/A</td><td>N/A</td></tr><tr><td>5831</td><td>N/A</td><td>N/A</td></tr><tr><td>5832</td><td>N/A</td><td>N/A</td></tr><tr><td>5833</td><td>N/A</td><td>N/A</td></tr><tr><td>5834</td><td>N/A</td><td>N/A</td></tr><tr><td>5835</td><td>N/A</td><td>N/A</td></tr><tr><td>5836</td><td>N/A</td><td>N/A</td></tr><tr><td>5837</td><td>N/A</td><td>N/A</td></tr><tr><td>5838</td><td>N/A</td><td>N/A</td></tr><tr><td>5839</td><td>N/A</td><td>N/A</td></tr><tr><td>5840</td><td>N/A</td><td>N/A</td></tr></table>										Pos.	Molex PN:	Engineering No.:	5801	N/A	N/A	5802	N/A	N/A	5803	N/A	N/A	5804	N/A	N/A	5805	N/A	N/A	5806	N/A	N/A	5807	N/A	N/A	5808	N/A	N/A	5809	N/A	N/A	5810	N/A	N/A	5811	2210507415	E452P3N15011R25	5812	N/A	N/A	5813	N/A	N/A	5814	N/A	N/A	5815	N/A	N/A	5816	N/A	N/A	5817	N/A	N/A	5818	N/A	N/A	5819	N/A	N/A	5820	N/A	N/A	5821	N/A	N/A	5822	N/A	N/A	5823	N/A	N/A	5824	N/A	N/A	5825	N/A	N/A	5826	N/A	N/A	5827	N/A	N/A	5828	N/A	N/A	5829	N/A	N/A	5830	N/A	N/A	5831	N/A	N/A	5832	N/A	N/A	5833	N/A	N/A	5834	N/A	N/A	5835	N/A	N/A	5836	N/A	N/A	5837	N/A	N/A	5838	N/A	N/A	5839	N/A	N/A	5840	N/A	N/A
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5966	N/A	N/A
5967	N/A	N/A
5968	N/A	N/A
5969	2210507629	E452P3N30011R2M
5970	N/A	N/A
5971	2210507631	E452P3N30011S02
5972	N/A	N/A
5973	N/A	N/A
5974	N/A	N/A
5975	N/A	N/A
5976	N/A	N/A
5977	N/A	N/A
5978	N/A	N/A
5979	N/A	N/A
5980	N/A	N/A
5981	N/A	N/A
5982	N/A	N/A
5983	N/A	N/A
5984	N/A	N/A
5985	N/A	N/A
5986	N/A	N/A
5987	N/A	N/A
5988	N/A	N/A
5989	N/A	N/A
5990	N/A	N/A
5991	N/A	N/A
5992	N/A	N/A
5993	N/A	N/A
5994	N/A	N/A
5995	N/A	N/A
5996	N/A	N/A
5997	N/A	N/A
5998	N/A	N/A
5999	2210507659	E452P3N50011C32
6000	N/A	N/A

Pos.	Molex PN:	Engineering No.:
6001	N/A	N/A
6002	N/A	N/A
6003	N/A	N/A
6004	N/A	N/A
6005	N/A	N/A
6006	N/A	N/A
6007	N/A	N/A
6008	N/A	N/A
6009	N/A	N/A
6010	N/A	N/A
6011	N/A	N/A
6012	N/A	N/A
6013	N/A	N/A
6014	N/A	N/A
6015	N/A	N/A
6016	N/A	N/A
6017	N/A	N/A
6018	N/A	N/A
6019	N/A	N/A
6020	N/A	N/A
6021	N/A	N/A
6022	N/A	N/A
6023	2210507683	E452P3N50011C4L
6024	N/A	N/A
6025	N/A	N/A
6026	N/A	N/A
6027	N/A	N/A
6028	N/A	N/A
6029	N/A	N/A
6030	N/A	N/A
6031	N/A	N/A
6032	N/A	N/A
6033	N/A	N/A
6034	N/A	N/A
6035	N/A	N/A
6036	N/A	N/A
6037	N/A	N/A
6038	N/A	N/A
6039	N/A	N/A
6040	N/A	N/A

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515183		molex E452XXXXXXXXXX DIN FORM A EN 175301-803				
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 826028 DRWN: SANATK1 CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA						
	MM	INCH								
4 PLACES	±	±								
3 PLACES	±	±								
2 PLACES	±	±								
1 PLACE	±	±								
0 PLACES	±	±	2025/05/06		2025/06/30		2025/06/30			
ANGULAR TOL ± °				PRODUCT CUSTOMER DRAWING						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION	
				SD-121050-001		PSD		001	E2	
				FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER
		A3-SIZE		121050		SEE TABLE		GENERAL MARKET		28 OF 28