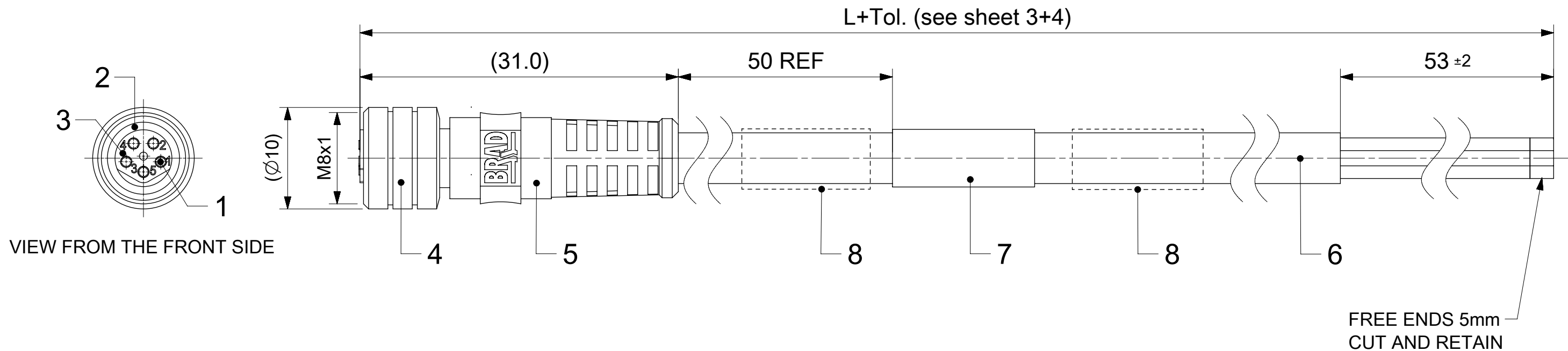


FEMALE PLUG M8 STRAIGHT

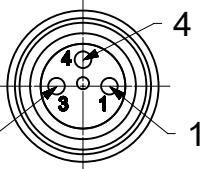
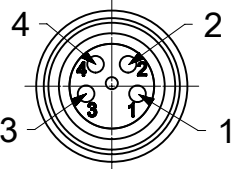
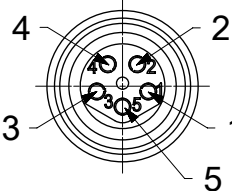


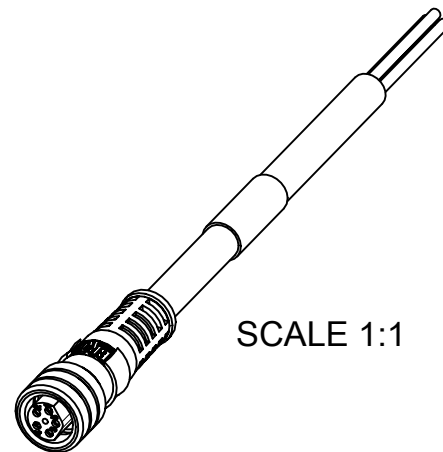
NOTES:

RATED VOLTAGE: 3 contacts 60V AC/DC
4 and 5 contacts 30V AC/DC

CURRENT RATING: 3, 4, 5 contacts 3A
PROTECTION CLASS: IP 67
TEMPERATURE: -25°C / +80°C

CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS	
FEMALE						
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
					5	GREY
CODING ACCORDING TO IEC 61076-2-104						



FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

8	2	I/D CARRIER (SEE MATRIX)	---	---
7	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES Ixx	---	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING	TPU	SEE SHEET 2
4	1	COUPLING NUT M8 FEMALE	BRASS	SEE SHEET 2
3	1	INSERT FEMALE BLACK	TPU	---
2	1	O-RING RED	FKM	---
1	3 / 4 / 5	CONTACT M8 FEMALE	COPPER	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS $\frac{E}{A} = 0$ $\frac{E}{E} = 0$ $\frac{E}{E} = 0$ DIVISIONAL 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: MATRIX UPDATED					molex					
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				M8 SINGLE ENDED FEMALE STRAIGHT										
	ANGULAR TOL ± °														
	4 PLACES		±		PRODUCT CUSTOMER DRAWING										
	3 PLACES		±												
	2 PLACES		±												
	1 PLACE		±		DOCUMENT NUMBER					DOC TYPE	DOC PART	REVISION			
	0 PLACES		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		120086		SEE SHEET 3-4		GENERAL MARKET		1 OF 4			

F

E



C

BA

FORMAT: master-lb-prod-A3 REVISION: J DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
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	10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																														
	PART LIST																																																																																																																																																																																																																																																																																																							
F	<table> <tr><th>Pos.</th><th>Part. No</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>1</td><td>1200270066</td><td>403000E02M020</td><td>2m</td></tr> <tr><td>2</td><td>1200270067</td><td>403000E02M030</td><td>3m</td></tr> <tr><td>3</td><td>1200270068</td><td>403000E02M050</td><td>5m</td></tr> <tr><td>4</td><td>1200270070</td><td>403000E02M100</td><td>10m</td></tr> <tr><td>5</td><td>1200270127</td><td>404000E02M020</td><td>2m</td></tr> <tr><td>6</td><td>1200270129</td><td>404000E02M050</td><td>5m</td></tr> <tr><td>7</td><td>1200270131</td><td>404000E02M100</td><td>10m</td></tr> <tr><td>8</td><td>1200270132</td><td>404000E02M150</td><td>15m</td></tr> <tr><td>9</td><td>1200270133</td><td>404000E02M200</td><td>20m</td></tr> <tr><td>10</td><td>1200270400</td><td>403000E02M010</td><td>1m</td></tr> <tr><td>11</td><td>1200270549</td><td>404000E02M010</td><td>1m</td></tr> <tr><td>12</td><td>1200271410</td><td>403000E02M012</td><td>1.2m</td></tr> <tr><td>13</td><td>1200271417</td><td>403000E02M006</td><td>0.6m</td></tr> <tr><td>14</td><td>1200271418</td><td>403000E02M015</td><td>1.5m</td></tr> <tr><td>15</td><td>1200271419</td><td>403000E02M025</td><td>2.5m</td></tr> <tr><td>16</td><td>1200271423</td><td>404000E02M005</td><td>0.5m</td></tr> <tr><td>17</td><td>1200865038</td><td>403000E02M250</td><td>25m</td></tr> <tr><td>18</td><td>1200868015</td><td>403000E02M200</td><td>20m</td></tr> <tr><td>19</td><td>1200868067</td><td>404000E02M050G</td><td>5m</td></tr> <tr><td>20</td><td>1200868068</td><td>404000E02M100G</td><td>10m</td></tr> <tr><td>21</td><td>1200868069</td><td>404000E02M200G</td><td>20m</td></tr> <tr><td>22</td><td>1200868070</td><td>404000E02M300G</td><td>30m</td></tr> <tr><td>23</td><td>1200868071</td><td>404000E02M400G</td><td>40m</td></tr> <tr><td>24</td><td>1200868072</td><td>404000E02M500G</td><td>50m</td></tr> <tr><td>25</td><td>1200868073</td><td>404000E02M700G</td><td>70m</td></tr> <tr><td>26</td><td>1200868074</td><td>404000E02M1K0G</td><td>100m</td></tr> <tr><td>27</td><td>1200868075</td><td>404000E02M020G</td><td>2m</td></tr> <tr><td>28</td><td>1200868090</td><td>403000E02M150</td><td>15m</td></tr> <tr><td>29</td><td>1200868099</td><td>405000E02M020</td><td>2m</td></tr> <tr><td>30</td><td>1200868109</td><td>403000E02M100G</td><td>10m</td></tr> <tr><td>31</td><td>1200868114</td><td>404000E02M030</td><td>3m</td></tr> <tr><td>32</td><td>1200868151</td><td>405000E02M040</td><td>4m</td></tr> <tr><td>33</td><td>1200868171</td><td>405000E02M050</td><td>5m</td></tr> <tr><td>34</td><td>1200868172</td><td>405000E02M100</td><td>10m</td></tr> <tr><td>35</td><td>1200868262</td><td>403000E02M002</td><td>0.2m</td></tr> </table>	Pos.	Part. No	Engineering No.	Cable Length	1	1200270066	403000E02M020	2m	2	1200270067	403000E02M030	3m	3	1200270068	403000E02M050	5m	4	1200270070	403000E02M100	10m	5	1200270127	404000E02M020	2m	6	1200270129	404000E02M050	5m	7	1200270131	404000E02M100	10m	8	1200270132	404000E02M150	15m	9	1200270133	404000E02M200	20m	10	1200270400	403000E02M010	1m	11	1200270549	404000E02M010	1m	12	1200271410	403000E02M012	1.2m	13	1200271417	403000E02M006	0.6m	14	1200271418	403000E02M015	1.5m	15	1200271419	403000E02M025	2.5m	16	1200271423	404000E02M005	0.5m	17	1200865038	403000E02M250	25m	18	1200868015	403000E02M200	20m	19	1200868067	404000E02M050G	5m	20	1200868068	404000E02M100G	10m	21	1200868069	404000E02M200G	20m	22	1200868070	404000E02M300G	30m	23	1200868071	404000E02M400G	40m	24	1200868072	404000E02M500G	50m	25	1200868073	404000E02M700G	70m	26	1200868074	404000E02M1K0G	100m	27	1200868075	404000E02M020G	2m	28	1200868090	403000E02M150	15m	29	1200868099	405000E02M020	2m	30	1200868109	403000E02M100G	10m	31	1200868114	404000E02M030	3m	32	1200868151	405000E02M040	4m	33	1200868171	405000E02M050	5m	34	1200868172	405000E02M100	10m	35	1200868262	403000E02M002	0.2m	<table> <tr><th>Pos.</th><th>Part. 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Part. No	Engineering No.	Cable Length	36	1200868263	403000E02M003	0.3m	37	1200868264	403000E02M020H	2m	38	1200868265	403000E02M035	3.5m	39	1200868266	403000E02M045	4.5m	40	1200868267	403000E02M0501	5m	41	1200868268	403000E02M060	6m	42	1200868339	404000E02C200	2m	43	1200868340	404000E02M015	1.5m	44	1200868341	404000E02M0201	2m	45	1200868342	404000E02M040	4m	46	1200868343	404000E02M0501	5m	47	1200868344	404000E02M080	8m	48	1200868345	404000E02M110	11m	49	1200868346	404000E02M170	17m	50	1200868347	404000E02M210	21m	51	1200868348	404000E02M250	25m	52	1200868423	403000E02M1001	10m	53	1200868442	403000E02M020Y	2m	54	1200868443	403000E02M050Y	5m	55	1200868444	403000E02M100Y	10m	56	1200868452	404000E02M050Y	5m	57	1200868453	404000E02M100Y	10m	58	1200868454	404000E02M150Y	15m	59	1200868467	403000E02M150Y	15m	60	1200868473	404000E02M1001	10m	61	1200868508	404000E02M050H	5m	62	1200868509	404000E02M100H	10m	63	1200868510	404000E02M150H	15m	64	1200868511	404000E02M030H	3m	65	1200868518	404000E02C230	2.3m	66	1200868571	405000E02M120	12m	67	1200868572	405000E02M030	3m	68	1200868685	403000E02M050H	5m	69	1200868696	404000E02M0509H	5m	70	1200868697	404000E02M1009H	10m	<table> <tr><th>Pos.</th><th>Part. 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2	1200270067	403000E02M030	3m																																																																																																																																																																																																																																																																																																					
3	1200270068	403000E02M050	5m																																																																																																																																																																																																																																																																																																					
4	1200270070	403000E02M100	10m																																																																																																																																																																																																																																																																																																					
5	1200270127	404000E02M020	2m																																																																																																																																																																																																																																																																																																					
6	1200270129	404000E02M050	5m																																																																																																																																																																																																																																																																																																					
7	1200270131	404000E02M100	10m																																																																																																																																																																																																																																																																																																					
8	1200270132	404000E02M150	15m																																																																																																																																																																																																																																																																																																					
9	1200270133	404000E02M200	20m																																																																																																																																																																																																																																																																																																					
10	1200270400	403000E02M010	1m																																																																																																																																																																																																																																																																																																					
11	1200270549	404000E02M010	1m																																																																																																																																																																																																																																																																																																					
12	1200271410	403000E02M012	1.2m																																																																																																																																																																																																																																																																																																					
13	1200271417	403000E02M006	0.6m																																																																																																																																																																																																																																																																																																					
14	1200271418	403000E02M015	1.5m																																																																																																																																																																																																																																																																																																					
15	1200271419	403000E02M025	2.5m																																																																																																																																																																																																																																																																																																					
16	1200271423	404000E02M005	0.5m																																																																																																																																																																																																																																																																																																					
17	1200865038	403000E02M250	25m																																																																																																																																																																																																																																																																																																					
18	1200868015	403000E02M200	20m																																																																																																																																																																																																																																																																																																					
19	1200868067	404000E02M050G	5m																																																																																																																																																																																																																																																																																																					
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21	1200868069	404000E02M200G	20m																																																																																																																																																																																																																																																																																																					
22	1200868070	404000E02M300G	30m																																																																																																																																																																																																																																																																																																					
23	1200868071	404000E02M400G	40m																																																																																																																																																																																																																																																																																																					
24	1200868072	404000E02M500G	50m																																																																																																																																																																																																																																																																																																					
25	1200868073	404000E02M700G	70m																																																																																																																																																																																																																																																																																																					
26	1200868074	404000E02M1K0G	100m																																																																																																																																																																																																																																																																																																					
27	1200868075	404000E02M020G	2m																																																																																																																																																																																																																																																																																																					
28	1200868090	403000E02M150	15m																																																																																																																																																																																																																																																																																																					
29	1200868099	405000E02M020	2m																																																																																																																																																																																																																																																																																																					
30	1200868109	403000E02M100G	10m																																																																																																																																																																																																																																																																																																					
31	1200868114	404000E02M030	3m																																																																																																																																																																																																																																																																																																					
32	1200868151	405000E02M040	4m																																																																																																																																																																																																																																																																																																					
33	1200868171	405000E02M050	5m																																																																																																																																																																																																																																																																																																					
34	1200868172	405000E02M100	10m																																																																																																																																																																																																																																																																																																					
35	1200868262	403000E02M002	0.2m																																																																																																																																																																																																																																																																																																					
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39	1200868266	403000E02M045	4.5m																																																																																																																																																																																																																																																																																																					
40	1200868267	403000E02M0501	5m																																																																																																																																																																																																																																																																																																					
41	1200868268	403000E02M060	6m																																																																																																																																																																																																																																																																																																					
42	1200868339	404000E02C200	2m																																																																																																																																																																																																																																																																																																					
43	1200868340	404000E02M015	1.5m																																																																																																																																																																																																																																																																																																					
44	1200868341	404000E02M0201	2m																																																																																																																																																																																																																																																																																																					
45	1200868342	404000E02M040	4m																																																																																																																																																																																																																																																																																																					
46	1200868343	404000E02M0501	5m																																																																																																																																																																																																																																																																																																					
47	1200868344	404000E02M080	8m																																																																																																																																																																																																																																																																																																					
48	1200868345	404000E02M110	11m																																																																																																																																																																																																																																																																																																					
49	1200868346	404000E02M170	17m																																																																																																																																																																																																																																																																																																					
50	1200868347	404000E02M210	21m																																																																																																																																																																																																																																																																																																					
51	1200868348	404000E02M250	25m																																																																																																																																																																																																																																																																																																					
52	1200868423	403000E02M1001	10m																																																																																																																																																																																																																																																																																																					
53	1200868442	403000E02M020Y	2m																																																																																																																																																																																																																																																																																																					
54	1200868443	403000E02M050Y	5m																																																																																																																																																																																																																																																																																																					
55	1200868444	403000E02M100Y	10m																																																																																																																																																																																																																																																																																																					
56	1200868452	404000E02M050Y	5m																																																																																																																																																																																																																																																																																																					
57	1200868453	404000E02M100Y	10m																																																																																																																																																																																																																																																																																																					
58	1200868454	404000E02M150Y	15m																																																																																																																																																																																																																																																																																																					
59	1200868467	403000E02M150Y	15m																																																																																																																																																																																																																																																																																																					
60	1200868473	404000E02M1001	10m																																																																																																																																																																																																																																																																																																					
61	1200868508	404000E02M050H	5m																																																																																																																																																																																																																																																																																																					
62	1200868509	404000E02M100H	10m																																																																																																																																																																																																																																																																																																					
63	1200868510	404000E02M150H	15m																																																																																																																																																																																																																																																																																																					
64	1200868511	404000E02M030H	3m																																																																																																																																																																																																																																																																																																					
65	1200868518	404000E02C230	2.3m																																																																																																																																																																																																																																																																																																					
66	1200868571	405000E02M120	12m																																																																																																																																																																																																																																																																																																					
67	1200868572	405000E02M030	3m																																																																																																																																																																																																																																																																																																					
68	1200868685	403000E02M050H	5m																																																																																																																																																																																																																																																																																																					
69	1200868696	404000E02M0509H	5m																																																																																																																																																																																																																																																																																																					
70	1200868697	404000E02M1009H	10m																																																																																																																																																																																																																																																																																																					
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141	1200860340	403000K05M050	5m	176	1200271180	403000P82M020	2m	211	1200868029	404000E18M030	3m
142	1200868431	403000K05M150	15m	177	1200271305	404000P82M050	5m	212	1200270078	403000E54M050A	5m
143	1200270642	403000L03M005A	0.5m	178	1200271450	404000P82M0507	5m	213	1200868018	403000E54M030A	3m
144	1200270080	403000I02M003	0.3m	179	1200868183	403000P82M0507	5m	214	1200270143	404000E51M020A	2m
145	1200270081	403000I02M020	2m	180	1200868192	403000P82M0207	2m	215	1200270145	404000E51M050A	5m
146	1200270082	403000I02M030	3m	181	1200868212	403000P82M005	0.5m	216	1200860667	405000P02M200	20m
147	1200270083	403000I02M050	5m	182	1200868213	404000P82M005	0.5m	217	1200868849	405000H08M010	1m
148	1200270084	403000I02M100	10m	183	1200868232	404000P82M010	1m	218	1200868857	405000E02M010	1m
149	1200270148	404000I02M020	2m	184	1200868233	403000P82M010	1m	219	1200868934	404000H08M050H	5m
150	1200270149	404000I02M050	5m	185	1200868420	403000P82M1007	10m	220			
151	1200270360	404000I02M100	10m	186	1200868461	404000P82M0207Y	2m	221			
152	1200860041	404000I02M030	3m	187	1200868470	403000P82M0207Y	2m	222			
153	1200868269	403000I02M005	0.5m	188	1200868481	404000P82M010Y	1m	223			
154	1200868270	403000I02M006	0.6m	189	1200868482	403000P82M010Y	1m	224			
155	1200868271	403000I02M010	1m	190	1200868567	404000P82M0307Y	3m	225			
156	1200868272	403000I02M025	2.5m	191	1200868602	404000P82M050Y	5m	226			
157	1200868273	403000I02M150	15m	192	1200270341	404000P18M050	5m	227			
158	1200868349	404000I02M003	0.3m	193	1200270346	404000P18M100	10m	228			
159	1200868350	404000I02M050G	5m	194	1200270863	404000P18M005	0.5m	229			
160	1200868445	403000I02M030Y	3m	195	1200271449	403000P18M070	7m	230			
161	1200868446	403000I02M050Y	5m	196	1200860101	403000A10M015	1.5m	231			
162	1200868447	403000I02M100Y	10m	197	1200860102	403000A10M020	2m	232			
163	1200868455	404000I02M020Y	2m	198	1200860107	403000A10M050	5m	233			
164	1200868456	404000I02M050Y	5m	199	1200860111	403000A10M100	10m	234			
165	1200868460	404000I02M100Y	10m	200	1200860112	403000A10M150	15m	235			
166	1200868507	403000I02M020Y	2m	201	1200860144	404000A10M020	2m	236			
167	1200868566	404000I02M030Y	3m	202	1200860145	404000A10M030	3m	237			
168	1200270147	404000H69M020	2m	203	1200860147	404000A10M050	5m	238			
169	1200868100	404000H69M100	10m	204	1200860155	404000A10M100	10m	239			
170	1200868184	404000H69M010	1m	205	1200860191	405000A10M020	2m	240			
171	1200270445	404000H69M050	5m	206	1200270140	404000E18M050	5m	241			
172	1200271440	403000H69M050	5m	207	1200270581	403000E18M020	2m	242			
173	1200271441	403000H69M020	2m	208	1200270606	403000E18M100	10m	243			
174	1200270032	403000P82M050	5m	209	1200868017	403000E18M050	5m	244			
175	1200271042	404000P82M0207	2m	210	1200868028	404000E18M020	2m	245			

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: MATRIX UPDATED			molex M8 SINGLE ENDED FEMALE STRAIGHT				
	mm		1:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 670691 DRWN: RSCHIEBER 2021/07/19 CHK'D: RSILLER APPR: RSILLER 2021/07/19							
	ANGULAR TOL		± °									
	4 PLACES		±									
	3 PLACES		±									
	2 PLACES		±		INITIAL REVISION: DRWN: AKONDRACIUK 2017/02/16 APPR: MIWASIECZKO 2017/11/16							
1 PLACE		±										
0 PLACES		±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
						A3-SIZE	120086	1200860594		PSD	000	A8

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/19	14:40:35						
9		8		7	6	5	4	3	2	1