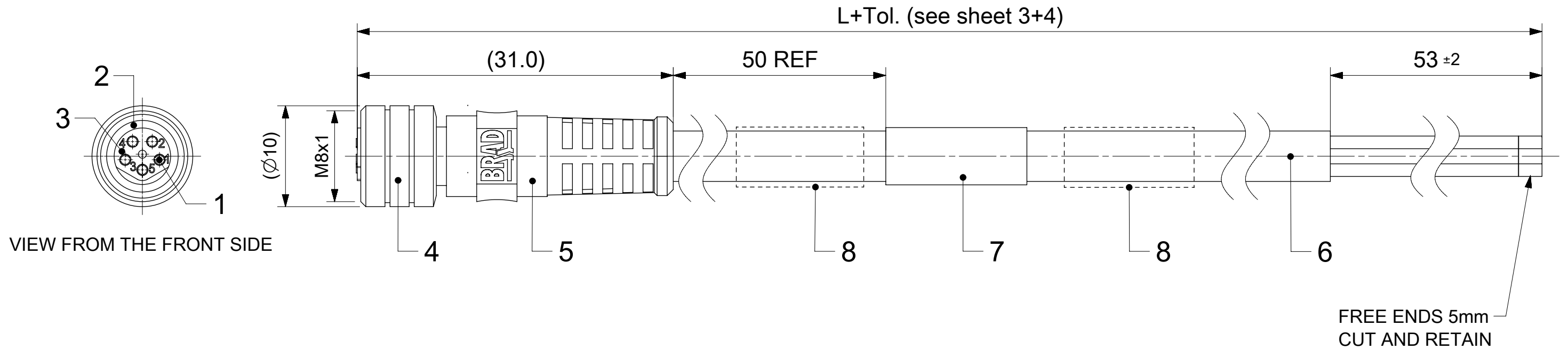


FEMALE PLUG M8 STRAIGHT



NOTES:

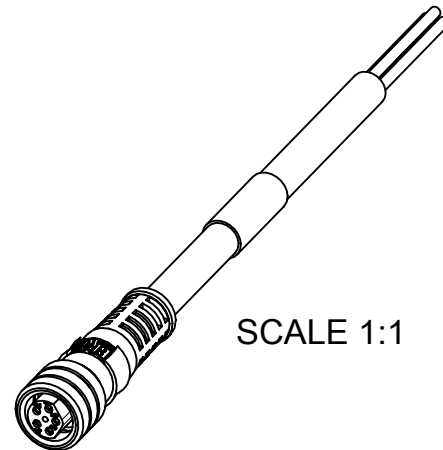
RATED VOLTAGE: 3 contacts 60V AC/DC
4 and 5 contacts 30V AC/DC

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

CONTACTS POSITION FRONT VIEW:

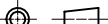
FEMALE	3 CONTACTS		4 CONTACTS		5 CONTACTS	
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
					5	GREY

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 lxx	---	---
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)				EC NO: 670691 DRWN: RSCHIEBER 2021/07/19 CHK'D: RSILLER 2021/07/19 APPR: RSILLER 2021/07/19					M8 SINGLE ENDED FEMALE STRAIGHT					
	ANGULAR TOL ± °														
	4 PLACES		±		PRODUCT CUSTOMER DRAWING										
	3 PLACES		±												
	2 PLACES		±		DOCUMENT NUMBER 1200860594					DOC TYPE PSD		DOC PART 000		REVISION A8	
	1 PLACE		±												
	0 PLACES		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 120086		MATERIAL NUMBER SEE SHEET 3-4		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 4	

F

E



D

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. No</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>36</td><td>1200868263</td><td>403000E02M003</td><td>0.3m</td></tr> <tr><td>37</td><td>1200868264</td><td>403000E02M020H</td><td>2m</td></tr> <tr><td>38</td><td>1200868265</td><td>403000E02M035</td><td>3.5m</td></tr> <tr><td>39</td><td>1200868266</td><td>403000E02M045</td><td>4.5m</td></tr> <tr><td>40</td><td>1200868267</td><td>403000E02M0501</td><td>5m</td></tr> <tr><td>41</td><td>1200868268</td><td>403000E02M060</td><td>6m</td></tr> <tr><td>42</td><td>1200868339</td><td>404000E02C200</td><td>2m</td></tr> <tr><td>43</td><td>1200868340</td><td>404000E02M015</td><td>1.5m</td></tr> <tr><td>44</td><td>1200868341</td><td>404000E02M0201</td><td>2m</td></tr> <tr><td>45</td><td>1200868342</td><td>404000E02M040</td><td>4m</td></tr> <tr><td>46</td><td>1200868343</td><td>404000E02M0501</td><td>5m</td></tr> <tr><td>47</td><td>1200868344</td><td>404000E02M080</td><td>8m</td></tr> <tr><td>48</td><td>1200868345</td><td>404000E02M110</td><td>11m</td></tr> <tr><td>49</td><td>1200868346</td><td>404000E02M170</td><td>17m</td></tr> <tr><td>50</td><td>1200868347</td><td>404000E02M210</td><td>21m</td></tr> <tr><td>51</td><td>1200868348</td><td>404000E02M250</td><td>25m</td></tr> <tr><td>52</td><td>1200868423</td><td>403000E02M1001</td><td>10m</td></tr> <tr><td>53</td><td>1200868442</td><td>403000E02M020Y</td><td>2m</td></tr> <tr><td>54</td><td>1200868443</td><td>403000E02M050Y</td><td>5m</td></tr> <tr><td>55</td><td>1200868444</td><td>403000E02M100Y</td><td>10m</td></tr> <tr><td>56</td><td>1200868452</td><td>404000E02M050Y</td><td>5m</td></tr> <tr><td>57</td><td>1200868453</td><td>404000E02M100Y</td><td>10m</td></tr> <tr><td>58</td><td>1200868454</td><td>404000E02M150Y</td><td>15m</td></tr> <tr><td>59</td><td>1200868467</td><td>403000E02M150Y</td><td>15m</td></tr> <tr><td>60</td><td>1200868473</td><td>404000E02M1001</td><td>10m</td></tr> <tr><td>61</td><td>1200868508</td><td>404000E02M050H</td><td>5m</td></tr> <tr><td>62</td><td>1200868509</td><td>404000E02M100H</td><td>10m</td></tr> <tr><td>63</td><td>1200868510</td><td>404000E02M150H</td><td>15m</td></tr> <tr><td>64</td><td>1200868511</td><td>404000E02M030H</td><td>3m</td></tr> <tr><td>65</td><td>1200868518</td><td>404000E02C230</td><td>2.3m</td></tr> <tr><td>66</td><td>1200868571</td><td>405000E02M120</td><td>12m</td></tr> <tr><td>67</td><td>1200868572</td><td>405000E02M030</td><td>3m</td></tr> <tr><td>68</td><td>1200868685</td><td>403000E02M050H</td><td>5m</td></tr> <tr><td>69</td><td>1200868696</td><td>404000E02M0509H</td><td>5m</td></tr> <tr><td>70</td><td>1200868697</td><td>404000E02M1009H</td><td>10m</td></tr> </table>	Pos.	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. No</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>71</td><td>1</td></tr></table>	Pos.	Part. No	Engineering No.	Cable Length	71	1
Pos.	Part. No	Engineering No.	Cable Length																																																																																																																																																																																																																																																																																																						
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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																																																																																																																																																																																																																																																																																																						
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																																																																																																																																																																																																																																																																																																						
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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																																																																																																																																																																																																																																																																																																						
Pos.	Part. No	Engineering No.	Cable Length																																																																																																																																																																																																																																																																																																						
71	1																																																																																																																																																																																																																																																																																																								

Pos.	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

Pos.	Part. No	Engineering No.	Cable Length
106	1200868003	403000P02M100	10m
107	1200868148	405000P02M005	0.5m
108	1200868156	404000P02M020	2m
109	1200868157	404000P02M050	5m
110	1200868158	404000P02M100	10m
111	1200868274	403000P02C350	3.5m
112	1200868275	403000P02M002	0.2m
113	1200868276	403000P02M002G	0.2m
114	1200868277	403000P02M003	0.3m
115	1200868278	403000P02M003G	0.3m
116	1200868279	403000P02M005	0.5m
117	1200868280	403000P02M006	0.6m
118	1200868281	403000P02M010	1m
119	1200868282	403000P02M012	1.2m
120	1200868283	403000P02M018	1.8m
121	1200868284	403000P02M022	2.2m
122	1200868285	403000P02M030	3m
123	1200868286	403000P02M032	3.2m
124	1200868287	403000P02M035	3.5m
125	1200868288	403000P02M040	4m
126	1200868289	403000P02M050G	5m
127	1200868290	403000P02M055	5.5m
128	1200868291	403000P02M080	8m
129	1200868292	403000P02M150	15m
130	1200868351	404000P02M003	0.3m
131	1200868352	404000P02M030	3m
132	1200868353	404000P02M040	4m
133	1200868354	404000P02M070	7m
134	1200868355	404000P02M500	50m
135	1200868517	403000P02M200	20m
136	1200868530	404000P02M010	1m
137	1200868627	405000P02M050Y	5m
138	1200868773	404000P02M060	6m
139	1200868775	404000P02M200	20m
140	1200270637	403000E52M050G	5m

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/19	14:40:35
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FORMAT: master-tb-rod-A3
REVISION: J

