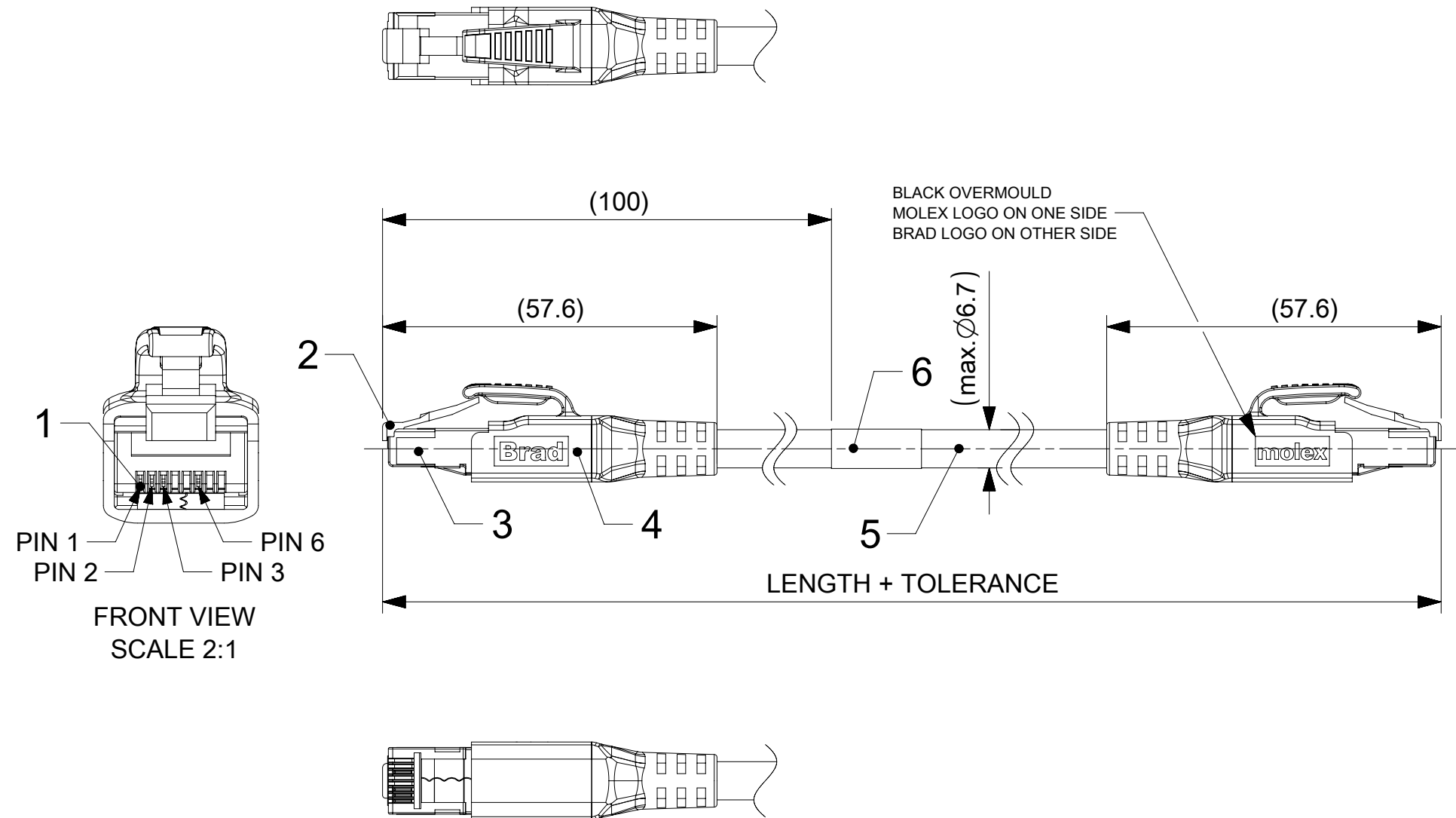
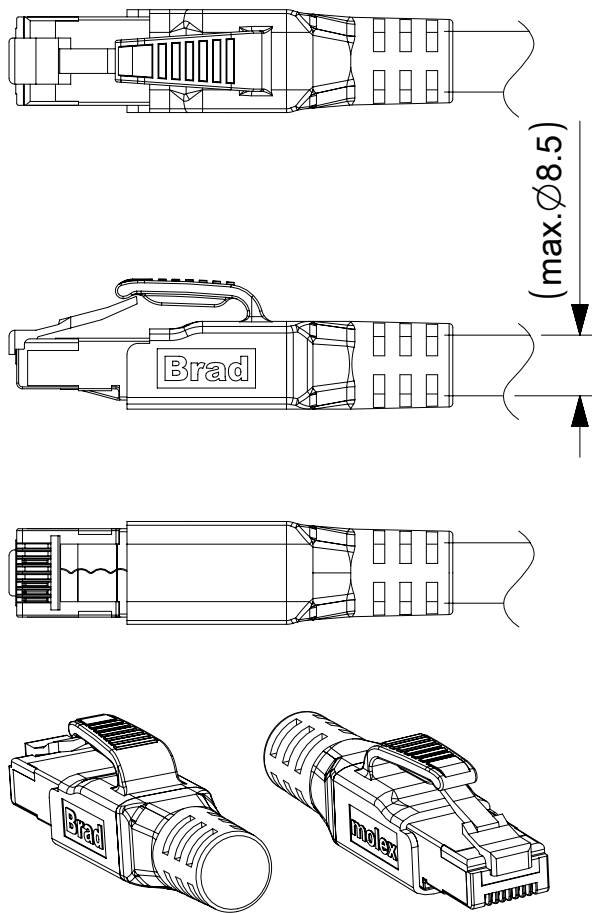


PLUG RJ45 STRAIGHT TO PLUG RJ45 STRAIGHT

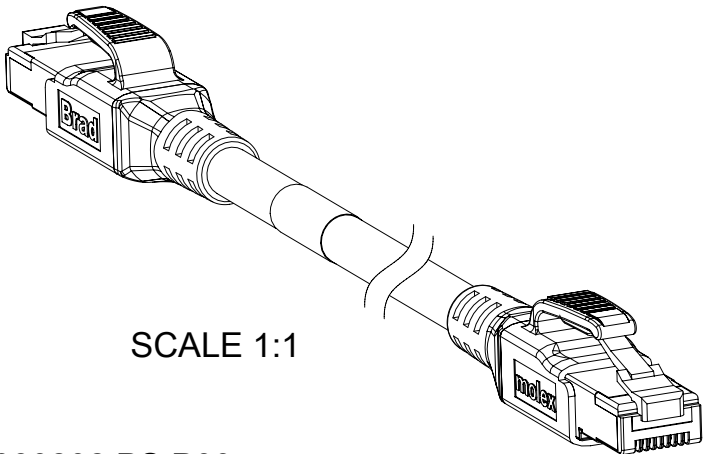
OVERMOLD VIEW FOR CABLES O.D.≤6.7mm



OVERMOLD VIEW FOR CABLES O.D.≥6.7mm



- NOTES:**
- 1. MATERIALS : SEE BOM TABLE
 - 2. FINISHES: SEE BOM TABLE
 - 3. ELECTRICAL DATA:
MAX. VOLTAGE RATING 60 VDC
MAX. CURRENT PER CONTACT 1.5 A
 - 4. ENVIRONMENTAL PARAMETERS FOR CONNECTOR:
STATIC OPERATING TEMP: -40°C to +85°C
INDEX OF PROTECTION RJ45: IP20
 - 5. FOR MORE INFORMATION SEE PRODUCT SPECIFIATION 1201080202 PS P00
 - 6. FOR CABLE 11 - ELECTRICAL TESTING ACC. TO 1201200100
TRANSMISSION TEST ACCORDING TO ISO/IEC 11801 CLASS D CHANNAL
FOR CABLE 12, 16 - ELECTRICAL TESTING ACC. TO 1201200100
TRANSMISSION TEST ACCORDING TO ISO/IEC 11801 CATEGORY 5e
PATCH CORD PROFINET TYPE C

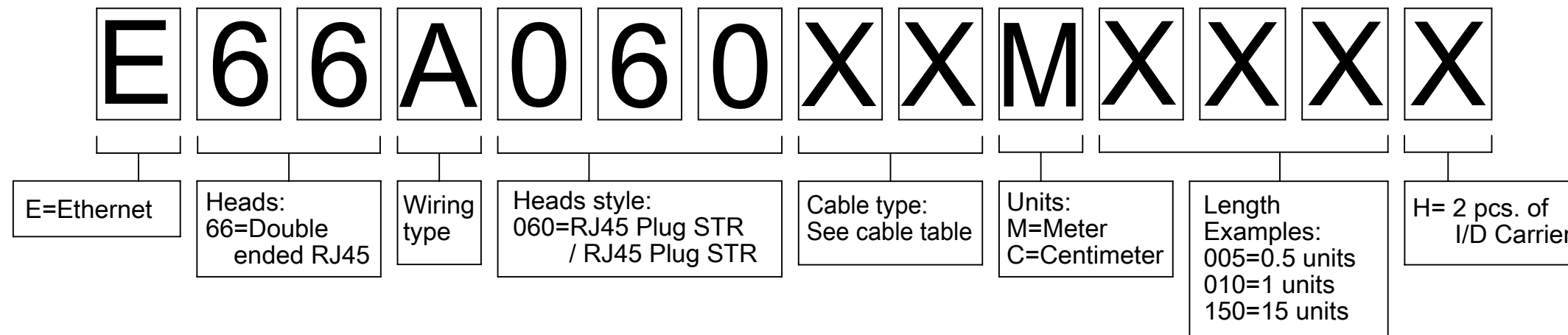


BOM				
6	1	LABEL	VINYL	---
5	-	CABLE	SEE SHEET 2	---
4	-	OVERMOULDING BLACK	TPU	---
3	2	SHIELD	BRASS	TIN
2	2	PLUG RJ45 TRANSPARENT	POLYCARBONATE	---
1	8 or 16	CONTACT RJ45 MALE	PHOSPHOR BRONZE	SELECTIVE GOLD
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex								
	mm		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL ± 1.0 °															
F_A = 0	4 PLACES							EC NO: 689781			CSE RJ45 RJ45 8P4C MA STR XM DE					
F_E = 0	3 PLACES				DRWN: JMARSZALEK 2016/10/10											
F_D = 0	2 PLACES		± 0.05		CHK'D: RSILLER 2021/12/21											
DIVISIONAL SYMBOLS	1 PLACE		± 0.3		APPR: RSILLER 2021/12/21			PRODUCT CUSTOMER DRAWING								
	0 PLACES		± 0.5		INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		1201080202		PSD		000		A	
								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
				A3-SIZE		120108		SEE PART LIST		GENERAL MARKET		1 OF 3				

NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request)

OPTIONS



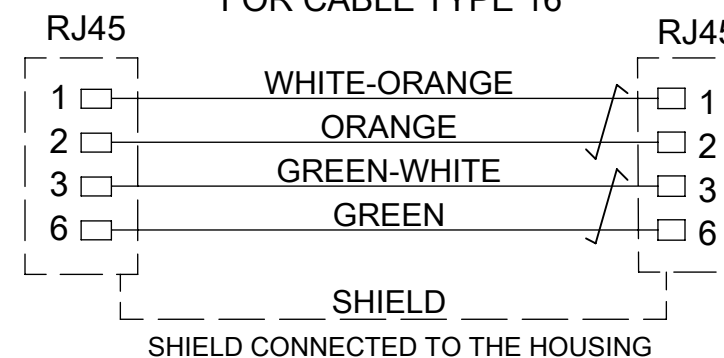
CABLE INFORMATION (for more information see Cable Data Sheet).

CABLE TYPE	CABLE O.D.	APPLICATION	CROSS SECTION	CABLE JACKET	UL	TEMP. RANGE STATIC BENDING RADIUS STATIC	TEMP. RANGE DYNAMIC BENDING RADIUS DYNAMIC	CYCLES	ADDITIONAL INFORMATION
11	6.7mm	PROFINET TYPE C	22AWG	PUR GREEN	STYLE 20236	-20°C to +60°C / min.5xO.D.	-20°C to +60°C / min.15xO.D.	about 2M	-
12	6.7mm	PROFINET TYPE B	22AWG	TPU BASED GREEN	STYLE 21215	-40°C to +80°C / min.5xO.D.	-25°C to +80°C / min.15xO.D.	about 2M min.15xO.D., -5°C to +60°C	WSOR
16	6.5mm	-	24AWG	TPU BASED TEAL	STYLE 21215	-40°C to +80°C / min.6xO.D.	-20°C to +50°C	1M min.10xO.D. / 2M min.20xO.D. @20°C	WSOR

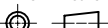
WIRING DIAGRAM FOR CABLE TYPE 11, 12



WIRING DIAGRAM FOR CABLE TYPE 16



CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
	DIMENSION UNITS		SCALE		CURRENT REV DESC:		molex											
	mm		1:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 689781 DRWN: JMARSZALEK 2016/10/10 CHK'D: RSILLER 2021/12/21 APPR: RSILLER 2021/12/21 INITIAL REVISION: DRWN: JMARSZALEK 2016/02/08 APPR: RSILLER 2021/12/21		CSE RJ45 RJ45 8P4C MA STR XM DE											
	ANGULAR TOL ± 1.0 °																	
	4 PLACES		±				PRODUCT CUSTOMER DRAWING											
DIVISIONAL SYMBOLS	3 PLACES		±								DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	2 PLACES		± 0.05															
	1 PLACE		± 0.3		1201080202						PSD		000		A			
	0 PLACES		± 0.5															
DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
							A3-SIZE		120108		SEE PART LIST		GENERAL MARKET		2 OF 3			

	10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																					
	PART LIST																																																																																																																																																																																																																																																																																																														
F	<table> <tr><th>No.</th><th>Part No.</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>1</td><td>1201080202</td><td>E66A06011M020</td><td>2m</td></tr> <tr><td>2</td><td>1201080207</td><td>E66A06011M005</td><td>0.5m</td></tr> <tr><td>3</td><td>1201080267</td><td>E66A06011M010</td><td>1m</td></tr> <tr><td>4</td><td>1201080269</td><td>E66A06011M030</td><td>3m</td></tr> <tr><td>5</td><td>1201080270</td><td>E66A06011M040</td><td>4m</td></tr> <tr><td>6</td><td>1201080271</td><td>E66A06011M050</td><td>5m</td></tr> <tr><td>7</td><td>1201080272</td><td>E66A06011M060</td><td>6m</td></tr> <tr><td>8</td><td>1201080273</td><td>E66A06011M100</td><td>10m</td></tr> <tr><td>9</td><td>1201080274</td><td>E66A06011M150</td><td>15m</td></tr> <tr><td>10</td><td>1201080275</td><td>E66A06011M200</td><td>20m</td></tr> <tr><td>11</td><td>1201080276</td><td>E66A06011M250</td><td>25m</td></tr> <tr><td>12</td><td>1201080277</td><td>E66A06011M300</td><td>30m</td></tr> <tr><td>13</td><td>1201080278</td><td>E66A06011M500</td><td>50m</td></tr> <tr><td>14</td><td>1201080577</td><td>E66A06017M005</td><td>0.5m</td></tr> <tr><td>15</td><td>1201080578</td><td>E66A06017M010</td><td>1m</td></tr> <tr><td>16</td><td>1201080579</td><td>E66A06017M020</td><td>2m</td></tr> <tr><td>17</td><td>1201088112</td><td>E66A06011M120</td><td>12m</td></tr> <tr><td>18</td><td>1201088113</td><td>E66A06011M400</td><td>40m</td></tr> <tr><td>19</td><td>1201088114</td><td>E66A06011M600</td><td>60m</td></tr> <tr><td>20</td><td>1201088115</td><td>E66A06011M800</td><td>80m</td></tr> <tr><td>21</td><td>1201088119</td><td>E66A06011C650</td><td>65m</td></tr> <tr><td>22</td><td>1201088128</td><td>E66A06011M070</td><td>7m</td></tr> <tr><td>23</td><td>1201088129</td><td>E66A06011M090</td><td>9m</td></tr> <tr><td>24</td><td>1201088197</td><td>E66A06011M900</td><td>90m</td></tr> <tr><td>25</td><td>1201088248</td><td>E66A06011M700</td><td>70m</td></tr> <tr><td>26</td><td>1201088265</td><td>E66A06011M020H</td><td>2m</td></tr> <tr><td>27</td><td>1201088280</td><td>E66A06011M010H</td><td>1m</td></tr> <tr><td>28</td><td>1201088281</td><td>E66A06011M030H</td><td>3m</td></tr> <tr><td>29</td><td>1201088293</td><td>E66A06012M010H</td><td>1m</td></tr> <tr><td>30</td><td>1201088294</td><td>E66A06012M020H</td><td>2m</td></tr> <tr><td>31</td><td>1201088295</td><td>E66A06012M050H</td><td>5m</td></tr> <tr><td>32</td><td>1201088296</td><td>E66A06012M100H</td><td>10m</td></tr> <tr><td>33</td><td>1201088297</td><td>E66A06012M150H</td><td>15m</td></tr> <tr><td>34</td><td>1201088298</td><td>E66A06012M200H</td><td>20m</td></tr> <tr><td>35</td><td>1201088300</td><td>E66A06012M030H</td><td>3m</td></tr> </table>	No.	Part No.	Engineering No.	Cable Length	1	1201080202	E66A06011M020	2m	2	1201080207	E66A06011M005	0.5m	3	1201080267	E66A06011M010	1m	4	1201080269	E66A06011M030	3m	5	1201080270	E66A06011M040	4m	6	1201080271	E66A06011M050	5m	7	1201080272	E66A06011M060	6m	8	1201080273	E66A06011M100	10m	9	1201080274	E66A06011M150	15m	10	1201080275	E66A06011M200	20m	11	1201080276	E66A06011M250	25m	12	1201080277	E66A06011M300	30m	13	1201080278	E66A06011M500	50m	14	1201080577	E66A06017M005	0.5m	15	1201080578	E66A06017M010	1m	16	1201080579	E66A06017M020	2m	17	1201088112	E66A06011M120	12m	18	1201088113	E66A06011M400	40m	19	1201088114	E66A06011M600	60m	20	1201088115	E66A06011M800	80m	21	1201088119	E66A06011C650	65m	22	1201088128	E66A06011M070	7m	23	1201088129	E66A06011M090	9m	24	1201088197	E66A06011M900	90m	25	1201088248	E66A06011M700	70m	26	1201088265	E66A06011M020H	2m	27	1201088280	E66A06011M010H	1m	28	1201088281	E66A06011M030H	3m	29	1201088293	E66A06012M010H	1m	30	1201088294	E66A06012M020H	2m	31	1201088295	E66A06012M050H	5m	32	1201088296	E66A06012M100H	10m	33	1201088297	E66A06012M150H	15m	34	1201088298	E66A06012M200H	20m	35	1201088300	E66A06012M030H	3m	<table> <tr><th>No.</th><th>Part No.</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>36</td><td>1201088301</td><td>E66A06012M300H</td><td>30m</td></tr> <tr><td>37</td><td>1201088302</td><td>E66A06012M500H</td><td>50m</td></tr> <tr><td>38</td><td>1201088353</td><td>E66A06012M010</td><td>1m</td></tr> <tr><td>39</td><td>1201088354</td><td>E66A06012M020</td><td>2m</td></tr> <tr><td>40</td><td>1201088355</td><td>E66A06012M030</td><td>3m</td></tr> <tr><td>41</td><td>1201088356</td><td>E66A06012M040</td><td>4m</td></tr> <tr><td>42</td><td>1201088357</td><td>E66A06012M050</td><td>5m</td></tr> <tr><td>43</td><td>1201088358</td><td>E66A06012M060</td><td>6m</td></tr> <tr><td>44</td><td>1201088359</td><td>E66A06012M080</td><td>8m</td></tr> <tr><td>45</td><td>1201088360</td><td>E66A06012M090</td><td>9m</td></tr> <tr><td>46</td><td>1201088361</td><td>E66A06012M100</td><td>10m</td></tr> <tr><td>47</td><td>1201088362</td><td>E66A06012M120</td><td>12m</td></tr> <tr><td>48</td><td>1201088363</td><td>E66A06012M150</td><td>15m</td></tr> <tr><td>49</td><td>1201088364</td><td>E66A06012M200</td><td>20m</td></tr> <tr><td>50</td><td>1201088365</td><td>E66A06012M250</td><td>25m</td></tr> <tr><td>51</td><td>1201088366</td><td>E66A06012M300</td><td>30m</td></tr> <tr><td>52</td><td>1201088367</td><td>E66A06012M350</td><td>35m</td></tr> <tr><td>53</td><td>1201088368</td><td>E66A06012M400</td><td>40m</td></tr> <tr><td>54</td><td>1201088369</td><td>E66A06012M450</td><td>45m</td></tr> <tr><td>55</td><td>1201088370</td><td>E66A06012M500</td><td>50m</td></tr> <tr><td>56</td><td>1201088371</td><td>E66A06012M550</td><td>55m</td></tr> <tr><td>57</td><td>1201088372</td><td>E66A06012M600</td><td>60m</td></tr> <tr><td>58</td><td>1201088373</td><td>E66A06012M650</td><td>65m</td></tr> <tr><td>59</td><td>1201088374</td><td>E66A06012M700</td><td>70m</td></tr> <tr><td>60</td><td>1201088375</td><td>E66A06012M750</td><td>75m</td></tr> <tr><td>61</td><td>1201088376</td><td>E66A06012M800</td><td>80m</td></tr> <tr><td>62</td><td>1201088386</td><td>E66A06012M700H</td><td>70m</td></tr> <tr><td>63</td><td>1201088387</td><td>E66A06012M900H</td><td>90m</td></tr> <tr><td>64</td><td>1201088393</td><td>E66A06012M002H</td><td>0.2m</td></tr> <tr><td>65</td><td>1201088394</td><td>E66A06012M005H</td><td>0.5m</td></tr> <tr><td>66</td><td>1201088395</td><td>E66A06012M250H</td><td>25m</td></tr> <tr><td>67</td><td>1201088396</td><td>E66A06012M400H</td><td>40m</td></tr> <tr><td>68</td><td>1201088397</td><td>E66A06012M600H</td><td>60m</td></tr> <tr><td>69</td><td>1201088398</td><td>E66A06012M1K0H</td><td>100m</td></tr> <tr><td>70</td><td>1201088474</td><td>E66A06016M010</td><td>1m</td></tr> </table>	No.	Part No.	Engineering No.	Cable Length	36	1201088301	E66A06012M300H	30m	37	1201088302	E66A06012M500H	50m	38	1201088353	E66A06012M010	1m	39	1201088354	E66A06012M020	2m	40	1201088355	E66A06012M030	3m	41	1201088356	E66A06012M040	4m	42	1201088357	E66A06012M050	5m	43	1201088358	E66A06012M060	6m	44	1201088359	E66A06012M080	8m	45	1201088360	E66A06012M090	9m	46	1201088361	E66A06012M100	10m	47	1201088362	E66A06012M120	12m	48	1201088363	E66A06012M150	15m	49	1201088364	E66A06012M200	20m	50	1201088365	E66A06012M250	25m	51	1201088366	E66A06012M300	30m	52	1201088367	E66A06012M350	35m	53	1201088368	E66A06012M400	40m	54	1201088369	E66A06012M450	45m	55	1201088370	E66A06012M500	50m	56	1201088371	E66A06012M550	55m	57	1201088372	E66A06012M600	60m	58	1201088373	E66A06012M650	65m	59	1201088374	E66A06012M700	70m	60	1201088375	E66A06012M750	75m	61	1201088376	E66A06012M800	80m	62	1201088386	E66A06012M700H	70m	63	1201088387	E66A06012M900H	90m	64	1201088393	E66A06012M002H	0.2m	65	1201088394	E66A06012M005H	0.5m	66	1201088395	E66A06012M250H	25m	67	1201088396	E66A06012M400H	40m	68	1201088397	E66A06012M600H	60m	69	1201088398	E66A06012M1K0H	100m	70	1201088474	E66A06016M010	1m	<table> <tr><th>No.</th><th>Part No.</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>71</td><td>1201088475</td><td>E66A06016M020</td><td>2m</td></tr> <tr><td>72</td><td>1201088476</td><td>E66A06016M030</td><td>3m</td></tr></table>	No.	Part No.	Engineering No.	Cable Length	71	1201088475	E66A06016M020	2m	72	1201088476	E66A06016M030	3m
No.	Part No.	Engineering No.	Cable Length																																																																																																																																																																																																																																																																																																												
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10	1201080275	E66A06011M200	20m																																																																																																																																																																																																																																																																																																												
11	1201080276	E66A06011M250	25m																																																																																																																																																																																																																																																																																																												
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17	1201088112	E66A06011M120	12m																																																																																																																																																																																																																																																																																																												
18	1201088113	E66A06011M400	40m																																																																																																																																																																																																																																																																																																												
19	1201088114	E66A06011M600	60m																																																																																																																																																																																																																																																																																																												
20	1201088115	E66A06011M800	80m																																																																																																																																																																																																																																																																																																												
21	1201088119	E66A06011C650	65m																																																																																																																																																																																																																																																																																																												
22	1201088128	E66A06011M070	7m																																																																																																																																																																																																																																																																																																												
23	1201088129	E66A06011M090	9m																																																																																																																																																																																																																																																																																																												
24	1201088197	E66A06011M900	90m																																																																																																																																																																																																																																																																																																												
25	1201088248	E66A06011M700	70m																																																																																																																																																																																																																																																																																																												
26	1201088265	E66A06011M020H	2m																																																																																																																																																																																																																																																																																																												
27	1201088280	E66A06011M010H	1m																																																																																																																																																																																																																																																																																																												
28	1201088281	E66A06011M030H	3m																																																																																																																																																																																																																																																																																																												
29	1201088293	E66A06012M010H	1m																																																																																																																																																																																																																																																																																																												
30	1201088294	E66A06012M020H	2m																																																																																																																																																																																																																																																																																																												
31	1201088295	E66A06012M050H	5m																																																																																																																																																																																																																																																																																																												
32	1201088296	E66A06012M100H	10m																																																																																																																																																																																																																																																																																																												
33	1201088297	E66A06012M150H	15m																																																																																																																																																																																																																																																																																																												
34	1201088298	E66A06012M200H	20m																																																																																																																																																																																																																																																																																																												
35	1201088300	E66A06012M030H	3m																																																																																																																																																																																																																																																																																																												
No.	Part No.	Engineering No.	Cable Length																																																																																																																																																																																																																																																																																																												
36	1201088301	E66A06012M300H	30m																																																																																																																																																																																																																																																																																																												
37	1201088302	E66A06012M500H	50m																																																																																																																																																																																																																																																																																																												
38	1201088353	E66A06012M010	1m																																																																																																																																																																																																																																																																																																												
39	1201088354	E66A06012M020	2m																																																																																																																																																																																																																																																																																																												
40	1201088355	E66A06012M030	3m																																																																																																																																																																																																																																																																																																												
41	1201088356	E66A06012M040	4m																																																																																																																																																																																																																																																																																																												
42	1201088357	E66A06012M050	5m																																																																																																																																																																																																																																																																																																												
43	1201088358	E66A06012M060	6m																																																																																																																																																																																																																																																																																																												
44	1201088359	E66A06012M080	8m																																																																																																																																																																																																																																																																																																												
45	1201088360	E66A06012M090	9m																																																																																																																																																																																																																																																																																																												
46	1201088361	E66A06012M100	10m																																																																																																																																																																																																																																																																																																												
47	1201088362	E66A06012M120	12m																																																																																																																																																																																																																																																																																																												
48	1201088363	E66A06012M150	15m																																																																																																																																																																																																																																																																																																												
49	1201088364	E66A06012M200	20m																																																																																																																																																																																																																																																																																																												
50	1201088365	E66A06012M250	25m																																																																																																																																																																																																																																																																																																												
51	1201088366	E66A06012M300	30m																																																																																																																																																																																																																																																																																																												
52	1201088367	E66A06012M350	35m																																																																																																																																																																																																																																																																																																												
53	1201088368	E66A06012M400	40m																																																																																																																																																																																																																																																																																																												
54	1201088369	E66A06012M450	45m																																																																																																																																																																																																																																																																																																												
55	1201088370	E66A06012M500	50m																																																																																																																																																																																																																																																																																																												
56	1201088371	E66A06012M550	55m																																																																																																																																																																																																																																																																																																												
57	1201088372	E66A06012M600	60m																																																																																																																																																																																																																																																																																																												
58	1201088373	E66A06012M650	65m																																																																																																																																																																																																																																																																																																												
59	1201088374	E66A06012M700	70m																																																																																																																																																																																																																																																																																																												
60	1201088375	E66A06012M750	75m																																																																																																																																																																																																																																																																																																												
61	1201088376	E66A06012M800	80m																																																																																																																																																																																																																																																																																																												
62	1201088386	E66A06012M700H	70m																																																																																																																																																																																																																																																																																																												
63	1201088387	E66A06012M900H	90m																																																																																																																																																																																																																																																																																																												
64	1201088393	E66A06012M002H	0.2m																																																																																																																																																																																																																																																																																																												
65	1201088394	E66A06012M005H	0.5m																																																																																																																																																																																																																																																																																																												
66	1201088395	E66A06012M250H	25m																																																																																																																																																																																																																																																																																																												
67	1201088396	E66A06012M400H	40m																																																																																																																																																																																																																																																																																																												
68	1201088397	E66A06012M600H	60m																																																																																																																																																																																																																																																																																																												
69	1201088398	E66A06012M1K0H	100m																																																																																																																																																																																																																																																																																																												
70	1201088474	E66A06016M010	1m																																																																																																																																																																																																																																																																																																												
No.	Part No.	Engineering No.	Cable Length																																																																																																																																																																																																																																																																																																												
71	1201088475	E66A06016M020	2m																																																																																																																																																																																																																																																																																																												
72	1201088476	E66A06016M030	3m																																																																																																																																																																																																																																																																																																												

No.	Part No.	Engineering No.	Cable Length
36	1201088301	E66A06012M300H	30m
37	1201088302	E66A06012M500H	50m
38	1201088353	E66A06012M010	1m
39	1201088354	E66A06012M020	2m
40	1201088355	E66A06012M030	3m
41	1201088356	E66A06012M040	4m
42	1201088357	E66A06012M050	5m
43	1201088358	E66A06012M060	6m
44	1201088359	E66A06012M080	8m
45	1201088360	E66A06012M090	9m
46	1201088361	E66A06012M100	10m
47	1201088362	E66A06012M120	12m
48	1201088363	E66A06012M150	15m
49	1201088364	E66A06012M200	20m
50	1201088365	E66A06012M250	25m
51	1201088366	E66A06012M300	30m
52	1201088367	E66A06012M350	35m
53	1201088368	E66A06012M400	40m
54	1201088369	E66A06012M450	45m
55	1201088370	E66A06012M500	50m
56	1201088371	E66A06012M550	55m
57	1201088372	E66A06012M600	60m
58	1201088373	E66A06012M650	65m
59	1201088374	E66A06012M700	70m
60	1201088375	E66A06012M750	75m
61	1201088376	E66A06012M800	80m
62	1201088386	E66A06012M700H	70m
63	1201088387	E66A06012M900H	90m
64	1201088393	E66A06012M002H	0.2m
65	1201088394	E66A06012M005H	0.5m
66	1201088395	E66A06012M250H	25m
67	1201088396	E66A06012M400H	40m
68	1201088397	E66A06012M600H	60m
69	1201088398	E66A06012M1K0H	100m
70	1201088474	E66A06016M010	1m

No.	Part No.	Engineering No.	Cable Length
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FORMAT: master tb prod-A3
REVISION: J 10

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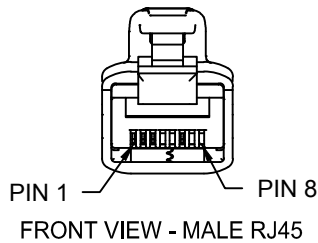
D

C

B

A

MATERIAL NUMBER	ENG. NUMBER	FINISHED LENGTH [M]
1201088474	E66A06016M010	1.0 M
1201088486	E66A06016M250	25.0 M



NOTES:

STANDARDS:
PROTECTION: IP20

WRAP LABEL:
MARKED WITH P/N, DATE CODE, VOLTAGE & AMPERAGE

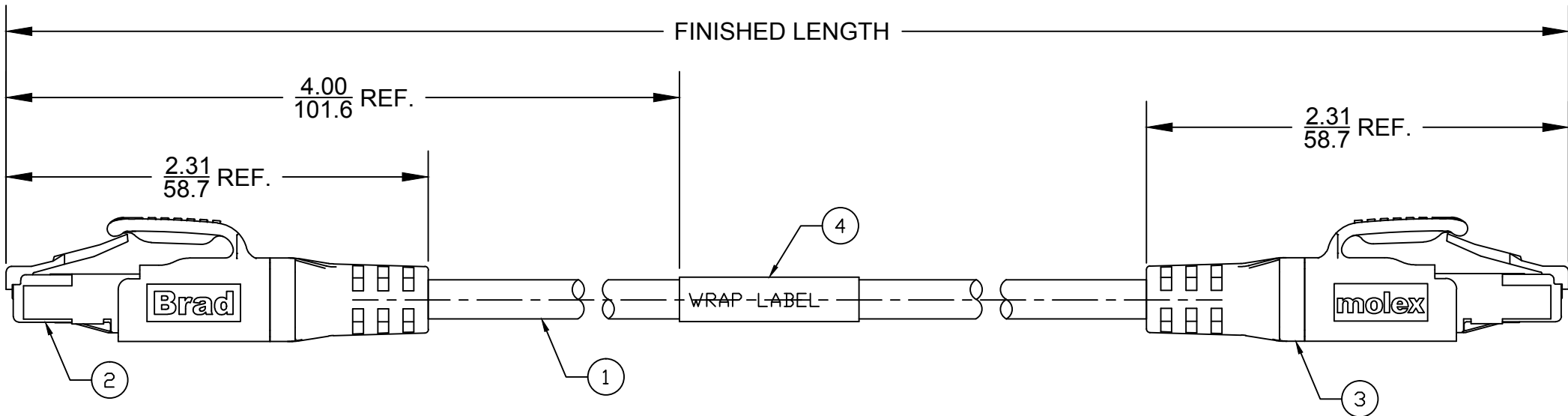
ELECTRICAL
ACCORDING TO CAT5e
VOLTAGE RATING: 125V AC/DC
AMPERAGE: 1.5A

ADDITIONAL CABLE INFORMATION

PHYSICAL CHARACTERISTICS:	
CONDUCTOR SIZE	24AWG 2 PAIR (19/0.12mm) BARE COPPER
INSULATION MATERIAL	POLYOLEFIN
SHIELD/BRAID	TINNED COPPER 85% COVERAGE
JACKET MATERIAL	TPU (TEAL)
CONDUCTOR TAPE	ORANGE-ORANGE-WHITE & GREEN, GREEN-WHITE ALUMINUM-POLYESTER

CABLE:	
TEMPERATURE RATING (STORAGE)	-40 / +80°C
TEMPERATURE RATING (OPERATION)	-20 / +50°C
WELD SLAG RESISTANCE	YES, S-300 MOLEX TEST
FREE SUBSTANCE'S	FCKW, SILICONE, AND PB
FIRE PERFORMANCE	IEC60332-1, UL1581
OIL RESISTANCE	ISO6722, UL758/2556

4	LABEL	VINYL	BLACK/YELLOW
3	RJ45 OVERMOLD	TPU	BLACK
2	RJ45 PLUG	POLYCARBONATE	CLEAR
1	CABLE	TPU	TEAL
ITEM	DESCRIPTION	MATERIAL	FINISH



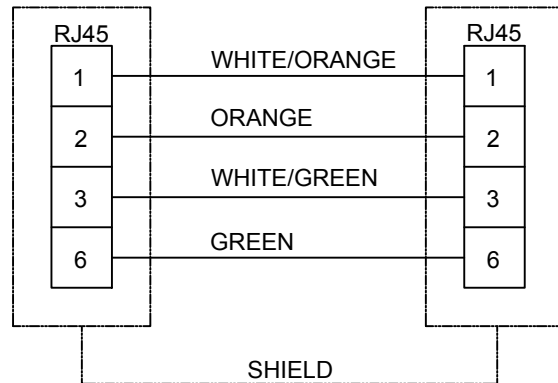
PART MATRIX

CABLE TYPE
24 AWG TPU-TEAL

E66A06016M005

LENGTH
M005 = 0.5M
M050 = 5M
M250 = 25M

CABLE LENGTH TOLERANCES		
>.3M [1FT]:	+19mm-0	[+.75in-0]
.3 - .9M [1 - 3FT]:	+44.5mm-0	[+1.75in-0]
.9 - 1.8M [3 - 6FT]:	+55.6mm-0	[+2.19in-0]
1.8 - 3.7M [6 - 12FT]:	+88.9mm-0	[+3.50in-0]
3.7 - 7.3M [12 - 24FT]:	+165.1mm-0	[+6.50in-0]
7.3-14.6M [24 - 48FT]:	+317.5mm-0	[+12.50in-0]
14.6 - 30.5M [48-100FT]:	+622.3mm-0	[+24.50in-0]
OVER 30M [100FT]	+2%	OF FINISHED LENGTH



WIRING DIAGRAM

ADD TOLERANCE BLOCK EC NO: IPG2019-0328 DRWN: MZIELINS 2019/01/10 CHKD: CCHRASTK 2019/01/10 APPR: BWOODMAN 2015/06/03	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ☉		
				mm	INCH	DRAWN BY MZIELINS	DATE 2015/05/05	TITLE ETHERNET MALE RJ45/RJ45 #24-2TP TEAL PUR CAT5E molex MOLEX INCORPORATED				
			4 PLACES	±---	±---	CHECKED BY BARDEN	DATE 2015/06/04					
			3 PLACES	±---	±---	APPROVED BY BWOODMAN	DATE 2015/06/03					
			2 PLACES	±---	±---	MATERIAL NO. SEE PART MATRIX						
			1 PLACE	±---	±---	ANGULAR ±---°						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

F

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D

C

B

A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

1201088474