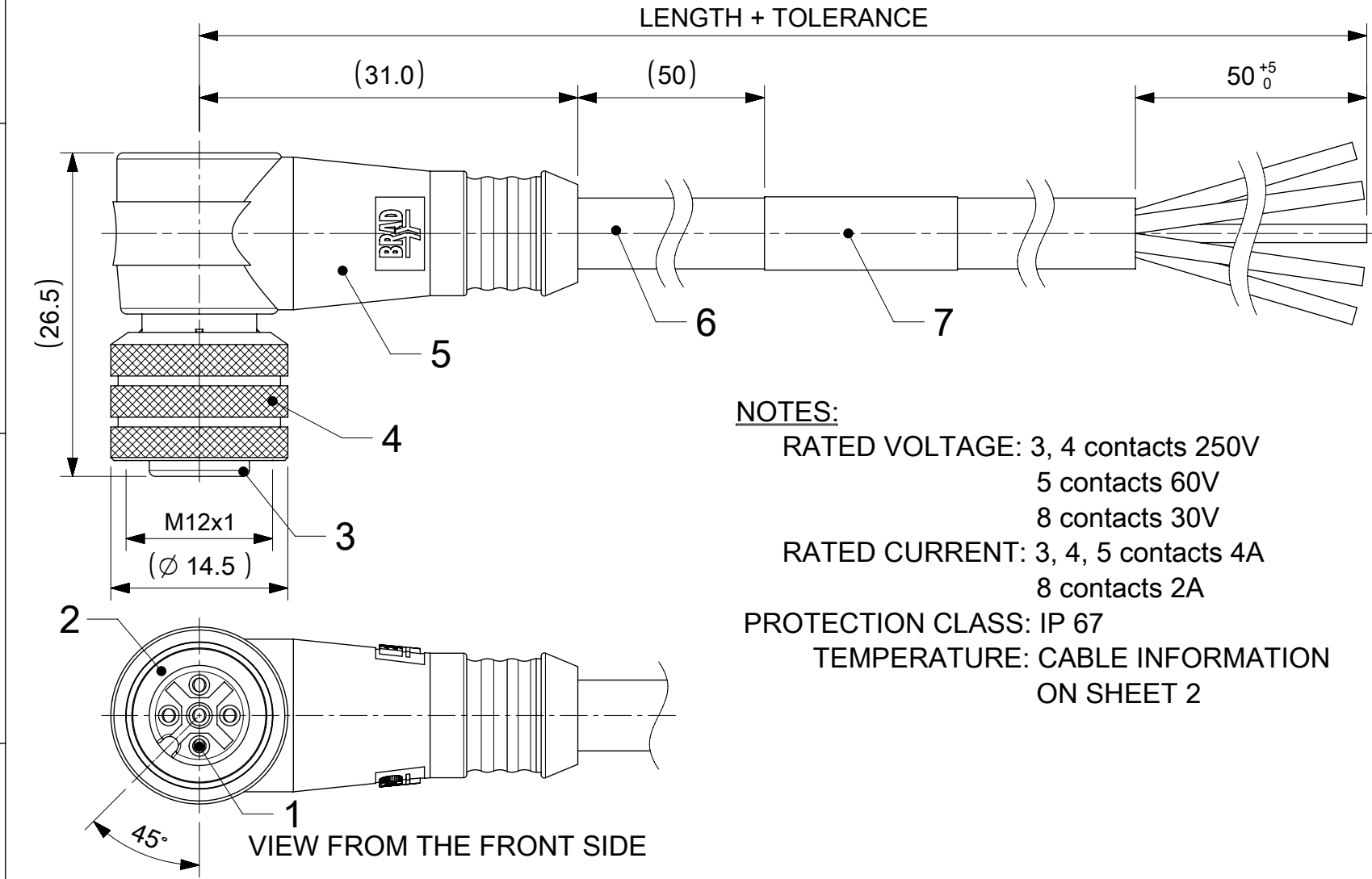
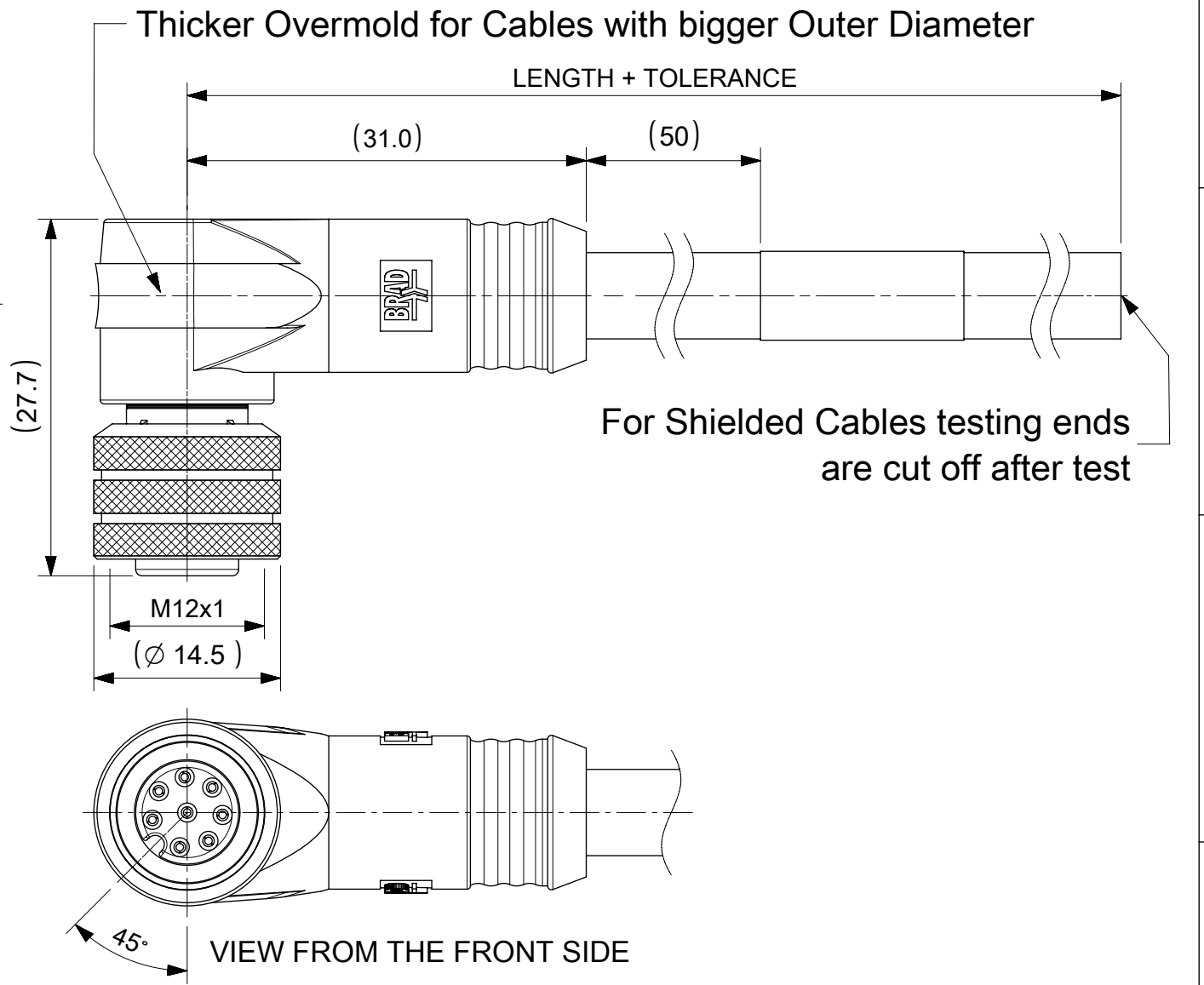


FEMALE PLUG M12 90° ANGLED



NOTES:
RATED VOLTAGE: 3, 4 contacts 250V
5 contacts 60V
8 contacts 30V
RATED CURRENT: 3, 4, 5 contacts 4A
8 contacts 2A
PROTECTION CLASS: IP 67
TEMPERATURE: CABLE INFORMATION
ON SHEET 2

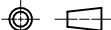


CONTACTS POSITION FRONT VIEW:

3 CONTACTS		4 CONTACTS		5 CONTACTS		8 CONTACTS	
PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN	1	WHITE
2	---	2	WHITE	2	WHITE	2	BROWN
3	BLUE	3	BLUE	3	BLUE	3	GREEN
4	BLACK or YELLOW/GREEN	4	BLACK	4	BLACK	4	YELLOW
5	---	5	---	5	GREY or YELLOW/GREEN	5	GREY
						6	PINK
						7	BLUE
						8	RED

CODING REQUIRED TO IEC 61076-2-101				
DOCUMENT STATUS	P1	RELEASE DATE	2022/11/30	11:33:43

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

7	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES lxx	---	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOLDING BLACK	TPU	---
4	1	COUPLING NUT FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE BLACK	PUR	---
2	1	ORING RED	FPM	---
1	3 / 4 / 5 / 8	CONTACT M12 FEMALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DIMENSION UNITS	SCALE	 CSE M12 XP AC FE RA XM SE UNSH PRODUCT CUSTOMER DRAWING		
mm	2:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)				
ANGULAR TOL	± 1.0 °			
4 PLACES	±			
3 PLACES	±	DOCUMENT NUMBER 1200658471 DOC TYPE PSD DOC PART 000 REVISION A12		
2 PLACES	± 0.05			
1 PLACE	± 0.1			
0 PLACES	± 0.2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#510807.				
EC NO: 726454				
DRWN: LIKITV		2022/09/27		
CHK'D: GGA		2022/11/30		
APPR: GGA		2022/11/30		
INITIAL REVISION:				
DRWN: JMARSZALEK		2016/01/11		
APPR: RSILLER		2016/04/08		
THIRD ANGLE PROJECTION				
				
DRAWING				
SERIES				
A3-SIZE		120065		
MATERIAL NUMBER				
SEE PART LIST				
CUSTOMER				
GENERAL MARKET				
SHEET NUMBER				
1 OF 5				

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

80X001XXXXXX

80=M12x1
Single ended

Contacts:
3=3 Contacts
4=4 Contacts
5=5 Contacts
8=8 Contacts

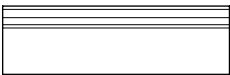
Heads style:
001=Plug Female
90° Angled

Cable type: See Table

Units:
M=Meter
C=Centimeter

Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

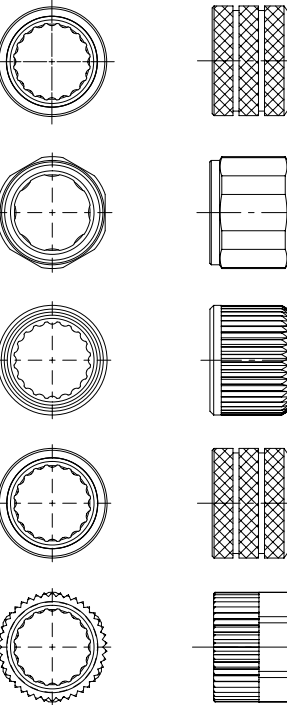
OPTIONS



H= 2 pcs. of I/D Carrier
PVC Transparent
(Cables lxx & P82 always
with 2 pcs. of I/D Carrier
even if no H in
Engineering No.)

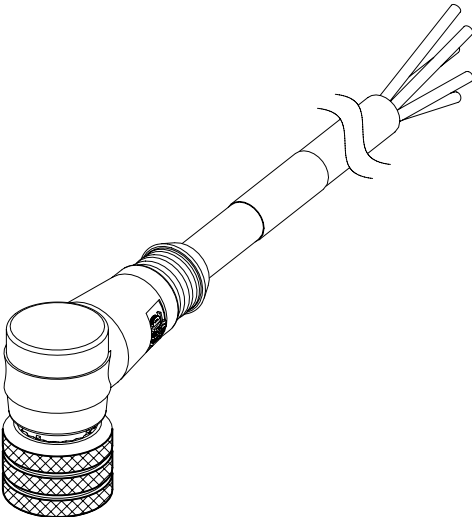
Overmold color:
Blank (Standard)=Black TPU
Blank=Yellow TPU for cables A09,S19,S20,S26
Blank=Yellow TPE-E for cables K03,K05
A=Grey / G=Black / Y=Yellow
Blank=Yellow PVC for cable E13
Coupling Nut:
Blank (Standard) & 3=Knurled Brass Ni Plated
1=Hexagonal Stainless steel
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated
Blank=7 for cables I20, I26, K03, K05, P82, S26
9=Knurled / Hexagonal Brass Ni Plated SW13

COUPLING NUTS



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

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
A09	3 / 4 / 5	0.34mm²	PVC YELLOW	UL 2661	I/II A/B 90°C/300V	-	-	-	-
E13	3	18AWG	PVC YELLOW	UL 2661/1731	I/II A/B 80°C/300V	-	-	-	-
E02	3 / 4 / 5 / 8	0.25mm²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°C/300V	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	-
E03	3 / 4 / 5	0.34mm²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°C/300V	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	-
E52	3 / 4 / 8	0.34mm²	PVC GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
H08	3 / 4 / 5 / 8	0.25mm²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles at 20°C, Temp. range +5°C to +60°C	-
H09	3 / 4 / 5	0.34mm²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles at 20°C, Temp. range +5°C to +60°C	-
H12	4	0.50mm²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-50°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000, Temp max 60°C	-
H69	4	0.20mm²	PUR GREY LS0H	-	-	-	-	-	-
I02	3 / 4 / 8	0.25mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
I03	3 / 4 / 5	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
I04	4	0.50mm²	PVC CEI GREY	-	-	-25°C to +70°C	-5°C to +70°C	-	-
I20	3 / 4	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	YES
I26	5	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
K03	5	18 AMG	TPE YELLOW	PLTC 105C E470965	I/II A/B 90°C/300V	-	-	-	-
K05	3 / 4 / 5	0.34mm²	TPE YELLOW	UL ITC E195601 or PLC	I/II A/B 90°C/300V	-	-	-	-
P02	3 / 4 / 5 / 8	0.25mm²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P03	3 / 4 / 5	0.34mm²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P12	3 / 5	0.50mm²	PUR BLACK	-	-	-30°C to +90°C	-5°C to +90°C	-	-
P19	8	0.25mm²	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	2 000 000 cycles, 15xO.D.	YES
P20	3 / 4 / 5	0.34mm²	PUR BLACK LS0H	-	-	-30°C to +80°C	-	-	YES
P82	3 / 4 / 5	0.34mm²	PUR IRR ORANGE	-	-	-50°C to +105°C, 5xO.D.	-40°C to +105°C, 7.5xO.D.	-	-
S19	8	0.25mm²	PVC YELLOW	UL 2661/1569	C22.2 II A 105°C/300V	-30°C to +105°C, 10xO.D.	-15°C to +105°C, 15xO.D.	-	YES
S20	3 / 4 / 5	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES
S26	5	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES



SCALE 1:1

CABLE LENGTH TOLERANCES

OVER	UP TO AND INCLUDING	TOLERANCES
0	305mm	+19mm
305mm	915mm	+45mm
915mm	1830mm	+56mm
1830mm	3660mm	+89mm
3660mm	7320mm	+165mm
7320mm	14640mm	+317mm
14640mm	30500mm	+610mm
30500mm	>	+2% of finished length

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DIMENSION UNITS
mm

SCALE
1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.1

0 PLACES ± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#510807.

EC NO: 726454
DRWN: LIKITV
CHK'D: GGA
APPR: GGA

2022/09/27
2022/11/30
2022/11/30

INITIAL REVISION:
DRWN: JMARSZALEK
APPR: RSILLER

2016/01/11
2016/04/08

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
120065

MATERIAL NUMBER
SEE PART LIST

CUSTOMER
GENERAL MARKET

SHEET NUMBER
2 OF 5

molex

CSE M12 XP AC FE RA XM SE UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
1200658471

DOC TYPE
PSD

DOC PART
000

REVISION
A12

	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>1200060007</td><td>803001E03M020</td><td>2m</td></tr> <tr><td>2</td><td>1200060008</td><td>803001E03M050</td><td>5m</td></tr> <tr><td>3</td><td>1200060009</td><td>803001E03M100</td><td>10m</td></tr> <tr><td>4</td><td>1200060010</td><td>803001I03M050</td><td>5m</td></tr> <tr><td>5</td><td>1200060011</td><td>803001P03M020</td><td>2m</td></tr> <tr><td>6</td><td>1200060012</td><td>803001P03M050</td><td>5m</td></tr> <tr><td>7</td><td>1200060013</td><td>803001P03M100</td><td>10m</td></tr> <tr><td>8</td><td>1200060021</td><td>804001E03M020</td><td>2m</td></tr> <tr><td>9</td><td>1200060022</td><td>804001E03M050</td><td>5m</td></tr> <tr><td>10</td><td>1200060023</td><td>804001E03M100</td><td>10m</td></tr> <tr><td>11</td><td>1200060024</td><td>804001P03M020</td><td>2m</td></tr> <tr><td>12</td><td>1200060025</td><td>804001P03M050</td><td>5m</td></tr> <tr><td>13</td><td>1200060042</td><td>804001I03M050</td><td>5m</td></tr> <tr><td>14</td><td>1200060175</td><td>803001E03M010</td><td>1m</td></tr> <tr><td>15</td><td>1200060178</td><td>803001E03M030</td><td>3m</td></tr> <tr><td>16</td><td>1200060184</td><td>803001E03M150</td><td>15m</td></tr> <tr><td>17</td><td>1200060187</td><td>803001E03M200</td><td>20m</td></tr> <tr><td>18</td><td>1200060202</td><td>803001I03M020</td><td>2m</td></tr> <tr><td>19</td><td>1200060204</td><td>803001I03M030</td><td>3m</td></tr> <tr><td>20</td><td>1200060205</td><td>803001I03M100</td><td>10m</td></tr> <tr><td>21</td><td>1200060212</td><td>803001P03M030</td><td>3m</td></tr> <tr><td>22</td><td>1200060216</td><td>803001P03M150</td><td>15m</td></tr> <tr><td>23</td><td>1200060479</td><td>804001E03M010</td><td>1m</td></tr> <tr><td>24</td><td>1200060480</td><td>804001E03M0201</td><td>2m</td></tr> <tr><td>25</td><td>1200060481</td><td>804001E03M030</td><td>3m</td></tr> <tr><td>26</td><td>1200060483</td><td>804001E03M0501</td><td>✱ 5m</td></tr> <tr><td>27</td><td>1200060485</td><td>804001E03M1001</td><td>✱ 10m</td></tr> <tr><td>28</td><td>1200060486</td><td>804001E03M150</td><td>15m</td></tr> <tr><td>29</td><td>1200060487</td><td>804001E03M200</td><td>20m</td></tr> <tr><td>30</td><td>1200060488</td><td>804001E03M250</td><td>25m</td></tr> <tr><td>31</td><td>1200060489</td><td>804001E03M300</td><td>30m</td></tr> <tr><td>32</td><td>1200060492</td><td>804001E52M100A</td><td>10m</td></tr> <tr><td>33</td><td>1200060503</td><td>804001I03M020</td><td>2m</td></tr> <tr><td>34</td><td>1200060505</td><td>804001I03M030</td><td>3m</td></tr> <tr><td>35</td><td>1200060507</td><td>804001I03M100</td><td>10m</td></tr> </table>	No.	Part No.	Engineering No.	Cable Length	1	1200060007	803001E03M020	2m	2	1200060008	803001E03M050	5m	3	1200060009	803001E03M100	10m	4	1200060010	803001I03M050	5m	5	1200060011	803001P03M020	2m	6	1200060012	803001P03M050	5m	7	1200060013	803001P03M100	10m	8	1200060021	804001E03M020	2m	9	1200060022	804001E03M050	5m	10	1200060023	804001E03M100	10m	11	1200060024	804001P03M020	2m	12	1200060025	804001P03M050	5m	13	1200060042	804001I03M050	5m	14	1200060175	803001E03M010	1m	15	1200060178	803001E03M030	3m	16	1200060184	803001E03M150	15m	17	1200060187	803001E03M200	20m	18	1200060202	803001I03M020	2m	19	1200060204	803001I03M030	3m	20	1200060205	803001I03M100	10m	21	1200060212	803001P03M030	3m	22	1200060216	803001P03M150	15m	23	1200060479	804001E03M010	1m	24	1200060480	804001E03M0201	2m	25	1200060481	804001E03M030	3m	26	1200060483	804001E03M0501	✱ 5m	27	1200060485	804001E03M1001	✱ 10m	28	1200060486	804001E03M150	15m	29	1200060487	804001E03M200	20m	30	1200060488	804001E03M250	25m	31	1200060489	804001E03M300	30m	32	1200060492	804001E52M100A	10m	33	1200060503	804001I03M020	2m	34	1200060505	804001I03M030	3m	35	1200060507	804001I03M100	10m	<table> <tr><th>No.</th><th>Part No.</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>36</td><td>1200060508</td><td>804001I03M150</td><td>15m</td></tr> <tr><td>37</td><td>1200060510</td><td>804001P03M030</td><td>3m</td></tr> <tr><td>38</td><td>1200060516</td><td>804001P03M150</td><td>15m</td></tr> <tr><td>39</td><td>1200060517</td><td>804001P03M200</td><td>20m</td></tr> <tr><td>40</td><td>1200060652</td><td>805001E03M020</td><td>2m</td></tr> <tr><td>41</td><td>1200060654</td><td>805001E03M050</td><td>5m</td></tr> <tr><td>42</td><td>1200060655</td><td>805001E03M0501</td><td>✱ 5m</td></tr> <tr><td>43</td><td>1200060657</td><td>805001E03M100</td><td>10m</td></tr> <tr><td>44</td><td>1200060663</td><td>805001P03M020</td><td>2m</td></tr> <tr><td>45</td><td>1200060664</td><td>805001P03M100</td><td>10m</td></tr> <tr><td>46</td><td>1200061336</td><td>804001E03M0205</td><td>2m</td></tr> <tr><td>47</td><td>1200061538</td><td>803001E03M051</td><td>5.1m</td></tr> <tr><td>48</td><td>1200061552</td><td>803001E03M066</td><td>6.6m</td></tr> <tr><td>49</td><td>1200061553</td><td>803001E03M058</td><td>5.8m</td></tr> <tr><td>50</td><td>1200061563</td><td>805001I03M050</td><td>5m</td></tr> <tr><td>51</td><td>1200061760</td><td>805001P03M150</td><td>15m</td></tr> <tr><td>52</td><td>1200061850</td><td>805001I26M050</td><td>5m</td></tr> <tr><td>53</td><td>1200061986</td><td>804001P03M010</td><td>1m</td></tr> <tr><td>54</td><td>1200062027</td><td>803001P03M022</td><td>2.2m</td></tr> <tr><td>55</td><td>1200062093</td><td>804001H69M100</td><td>10m</td></tr> <tr><td>56</td><td>1200062292</td><td>803001E03M003</td><td>0.3m</td></tr> <tr><td>57</td><td>1200062313</td><td>804001P03M100H</td><td>10m</td></tr> <tr><td>58</td><td>1200062334</td><td>805001I03M100</td><td>10m</td></tr> <tr><td>59</td><td>1200062575</td><td>804001I03M0501</td><td>5m</td></tr> <tr><td>60</td><td>1200062764</td><td>805001P82M1007</td><td>10m</td></tr> <tr><td>61</td><td>1200062837</td><td>803001P03M006</td><td>0.6m</td></tr> <tr><td>62</td><td>1200062838</td><td>808001E52M100</td><td>10m</td></tr> <tr><td>63</td><td>1200062851</td><td>803001I03M025</td><td>2.5m</td></tr> <tr><td>64</td><td>1200063286</td><td>803001E13M030</td><td>3m</td></tr> <tr><td>65</td><td>1200063320</td><td>803001E13M060</td><td>6m</td></tr> <tr><td>66</td><td>1200063340</td><td>803001P03M025</td><td>2.5m</td></tr> <tr><td>67</td><td>1200063386</td><td>805001P82M0507</td><td>5m</td></tr> <tr><td>68</td><td>1200063532</td><td>804001I03M0505</td><td>5m</td></tr> <tr><td>69</td><td>1200063563</td><td>804001I04M030G</td><td>3m</td></tr> <tr><td>70</td><td>1200063564</td><td>805001I26M100</td><td>10m</td></tr> </table>	No.	Part No.	Engineering No.	Cable Length	36	1200060508	804001I03M150	15m	37	1200060510	804001P03M030	3m	38	1200060516	804001P03M150	15m	39	1200060517	804001P03M200	20m	40	1200060652	805001E03M020	2m	41	1200060654	805001E03M050	5m	42	1200060655	805001E03M0501	✱ 5m	43	1200060657	805001E03M100	10m	44	1200060663	805001P03M020	2m	45	1200060664	805001P03M100	10m	46	1200061336	804001E03M0205	2m	47	1200061538	803001E03M051	5.1m	48	1200061552	803001E03M066	6.6m	49	1200061553	803001E03M058	5.8m	50	1200061563	805001I03M050	5m	51	1200061760	805001P03M150	15m	52	1200061850	805001I26M050	5m	53	1200061986	804001P03M010	1m	54	1200062027	803001P03M022	2.2m	55	1200062093	804001H69M100	10m	56	1200062292	803001E03M003	0.3m	57	1200062313	804001P03M100H	10m	58	1200062334	805001I03M100	10m	59	1200062575	804001I03M0501	5m	60	1200062764	805001P82M1007	10m	61	1200062837	803001P03M006	0.6m	62	1200062838	808001E52M100	10m	63	1200062851	803001I03M025	2.5m	64	1200063286	803001E13M030	3m	65	1200063320	803001E13M060	6m	66	1200063340	803001P03M025	2.5m	67	1200063386	805001P82M0507	5m	68	1200063532	804001I03M0505	5m	69	1200063563	804001I04M030G	3m	70	1200063564	805001I26M100	10m	<table> <tr><th>No.</th><th>Part No.</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>71</td><td>1200063645</td><td>803001E13M100</</td></tr></table>	No.	Part No.	Engineering No.	Cable Length	71	1200063645	803001E13M100</
No.	Part No.	Engineering No.	Cable Length																																																																																																																																																																																																																																																																																																							
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5	1200060011	803001P03M020	2m																																																																																																																																																																																																																																																																																																							
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13	1200060042	804001I03M050	5m																																																																																																																																																																																																																																																																																																							
14	1200060175	803001E03M010	1m																																																																																																																																																																																																																																																																																																							
15	1200060178	803001E03M030	3m																																																																																																																																																																																																																																																																																																							
16	1200060184	803001E03M150	15m																																																																																																																																																																																																																																																																																																							
17	1200060187	803001E03M200	20m																																																																																																																																																																																																																																																																																																							
18	1200060202	803001I03M020	2m																																																																																																																																																																																																																																																																																																							
19	1200060204	803001I03M030	3m																																																																																																																																																																																																																																																																																																							
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21	1200060212	803001P03M030	3m																																																																																																																																																																																																																																																																																																							
22	1200060216	803001P03M150	15m																																																																																																																																																																																																																																																																																																							
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25	1200060481	804001E03M030	3m																																																																																																																																																																																																																																																																																																							
26	1200060483	804001E03M0501	✱ 5m																																																																																																																																																																																																																																																																																																							
27	1200060485	804001E03M1001	✱ 10m																																																																																																																																																																																																																																																																																																							
28	1200060486	804001E03M150	15m																																																																																																																																																																																																																																																																																																							
29	1200060487	804001E03M200	20m																																																																																																																																																																																																																																																																																																							
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No.	Part No.	Engineering No.	Cable Length																																																																																																																																																																																																																																																																																																							
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No.	Part No.	Engineering No.	Cable Length																																																																																																																																																																																																																																																																																																							
71	1200063645	803001E13M100</																																																																																																																																																																																																																																																																																																								

FORMAT: master-tb-prod-A3 REVISION: J1 DATE: 2021/05/01	9	8
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PART LIST

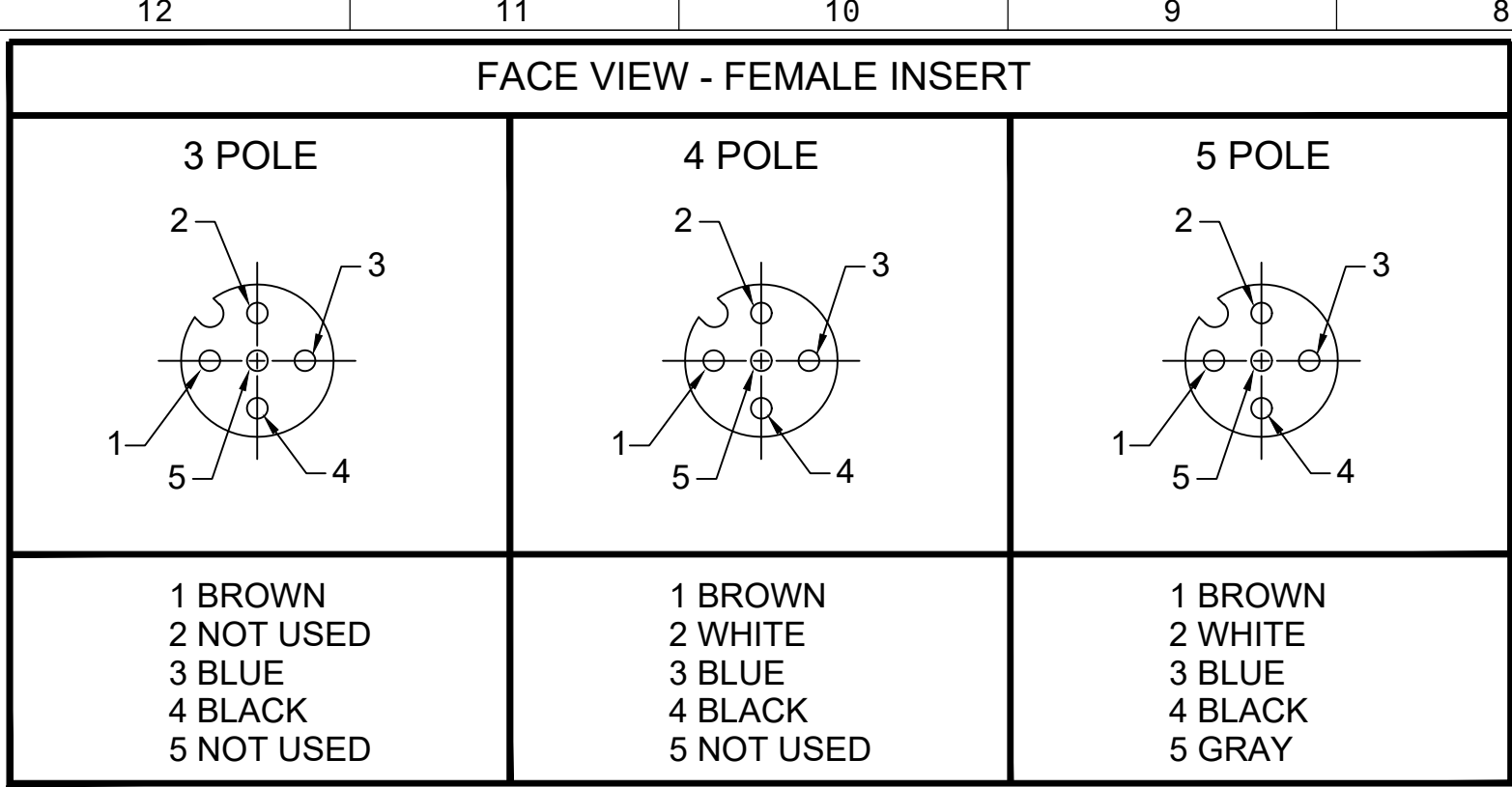
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145	1200658607	805001I03M030	3m	180	1200659078	804001I03M100Y	10m	215	1200061540	803001E03M033	3.3m	250	1200658617	805001P03M010	1m
146	1200658608	805001I03M040	4m	181	1200659084	805001I26M050Y	5m	216	1200061541	803001E03M022	2.2m	251	1200658627	805001P03M030	3m
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NOTES:
- Part No. with Yellow PVC overmolding

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E	<table> <tr><th>No.</th><th>Part No.</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>281</td><td>1200651949</td><td>804001A09M0602</td><td>6m</td></tr> <tr><td>282</td><td>1200651983</td><td>805001A09M030</td><td>3m</td></tr> <tr><td>283</td><td>1200651985</td><td>803001A09M0202</td><td>2m</td></tr> <tr><td>284</td><td>1200652078</td><td>804001A09M0302</td><td>3m</td></tr> <tr><td>285</td><td>1200652079</td><td>805001A09M300</td><td>30m</td></tr> <tr><td>286</td><td>1200652111</td><td>805001A09M150</td><td>15m</td></tr> <tr><td>287</td><td>1200652122</td><td>805001A09M0502</td><td>5m</td></tr> <tr><td>288</td><td>1200652170</td><td>804001A09C2508</td><td>0.25m</td></tr> <tr><td>289</td><td>1200652197</td><td>805001A09M1508</td><td>15m</td></tr> <tr><td>290</td><td>1200652216</td><td>804001A09M0708</td><td>7m</td></tr> <tr><td>291</td><td>1200652419</td><td>804001A09M2008</td><td>20m</td></tr> <tr><td>292</td><td>1200652439</td><td>804001A09M0108</td><td>1m</td></tr> 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<tr><td>306</td><td>1200060531</td><td>804001S20M050</td><td>5m</td></tr> <tr><td>307</td><td>1200061612</td><td>804001S20M030H</td><td>3m</td></tr> <tr><td>308</td><td>1200062121</td><td>804001S20M060</td><td>6m</td></tr> <tr><td>309</td><td>1200062148</td><td>804001I20M160</td><td>16m</td></tr> <tr><td>310</td><td>1200062160</td><td>804001S20M100H</td><td>10m</td></tr> <tr><td>311</td><td>1200062374</td><td>804001S20M020H</td><td>2m</td></tr> <tr><td>312</td><td>1200062502</td><td>804001S20M050H</td><td>5m</td></tr> <tr><td>313</td><td>1200062589</td><td>804001S20M010H</td><td>1m</td></tr> <tr><td>314</td><td>1200062919</td><td>804001P20M100</td><td>10m</td></tr> <tr><td>315</td><td>1200062922</td><td>804001P20M050</td><td>5m</td></tr> </table>	No.	Part No.	Engineering No.	Cable Length	281	1200651949	804001A09M0602	6m	282	1200651983	805001A09M030	3m	283	1200651985	803001A09M0202	2m	284	1200652078	804001A09M0302	3m	285	1200652079	805001A09M300	30m	286	1200652111	805001A09M150	15m	287	1200652122	805001A09M0502	5m	288	1200652170	804001A09C2508	0.25m	289	1200652197	805001A09M1508	15m	290	1200652216	804001A09M0708	7m	291	1200652419	804001A09M2008	20m	292	1200652439	804001A09M0108	1m	293	1200659215	805001A09M010	1m	294	1200659216	805001A09M200	20m	295	1202010010	804001A09M250	25m	296	1200060221	803001S20M020	2m	297	1200060222	803001S20M030	3m	298	1200060224	803001S20M050	5m	299	1200659374	804001S20M350	35m	300	1200659774	808001S19M150	15m	301	1200659810	805001S26M200	20m	302	1200060225	803001S20M100	10m	303	1200060527	804001S20M010	1m	304	1200060528	804001S20M020	2m	305	1200060529	804001S20M030	3m	306	1200060531	804001S20M050	5m	307	1200061612	804001S20M030H	3m	308	1200062121	804001S20M060	6m	309	1200062148	804001I20M160	16m	310	1200062160	804001S20M100H	10m	311	1200062374	804001S20M020H	2m	312	1200062502	804001S20M050H	5m	313	1200062589	804001S20M010H	1m	314	1200062919	804001P20M100	10m	315	1200062922	804001P20M050	5m	<table> <tr><th>No.</th><th>Part No.</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>316</td><td>1200063109</td><td>804001S20M1001</td><td>10m</td></tr> <tr><td>317</td><td>1200063165</td><td>805001P20M050</td><td>5m</td></tr> <tr><td>318</td><td>1200064184</td><td>804001P20M250</td><td>25m</td></tr> <tr><td>319</td><td>1200064268</td><td>808001S19M100</td><td>10m</td></tr> <tr><td>320</td><td>1200064380</td><td>804001S20M0201</td><td>2m</td></tr> <tr><td>321</td><td>1200064381</td><td>804001S20M0501</td><td>5m</td></tr> <tr><td>322</td><td>1200064452</td><td>804001S20M3001</td><td>30m</td></tr> <tr><td>323</td><td>1200064457</td><td>803001S20M0501</td><td>5m</td></tr> <tr><td>324</td><td>1200650910</td><td>804001S20M100</td><td>10m</td></tr> <tr><td>325</td><td>1200655008</td><td>808001P19M050</td><td>5m</td></tr> <tr><td>326</td><td>1200658090</td><td>805001S26M100</td><td>10m</td></tr> <tr><td>327</td><td>1200658187</td><td>804001S20M200</td><td>20m</td></tr> 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<tr><td>341</td><td>1200657238</td><td>805001E03M250</td><td>25m</td></tr> <tr><td>342</td><td>1200657145</td><td>804001P03M006</td><td>0.6m</td></tr> <tr><td>343</td><td>1200657146</td><td>804001P03M070</td><td>7m</td></tr> <tr><td>344</td><td>1200657147</td><td>804001P03M080</td><td>8m</td></tr> <tr><td>345</td><td>1200657148</td><td>804001E03M003</td><td>0.3m</td></tr> <tr><td>346</td><td>1200657149</td><td>804001E03M006</td><td>0.6m</td></tr> <tr><td>347</td><td>1200657150</td><td>804001E03M080</td><td>8m</td></tr> <tr><td>348</td><td>1200657185</td><td>805001E03M015</td><td>1.5m</td></tr> <tr><td>349</td><td>1200658573</td><td>805001E03M010</td><td>1m</td></tr> <tr><td>350</td><td>1200657265</td><td>805001H09M500</td><td>50</td></tr></table>	No.	Part No.	Engineering No.	Cable Length	316	1200063109	804001S20M1001	10m	317	1200063165	805001P20M050	5m	318	1200064184	804001P20M250	25m	319	1200064268	808001S19M100	10m	320	1200064380	804001S20M0201	2m	321	1200064381	804001S20M0501	5m	322	1200064452	804001S20M3001	30m	323	1200064457	803001S20M0501	5m	324	1200650910	804001S20M100	10m	325	1200655008	808001P19M050	5m	326	1200658090	805001S26M100	10m	327	1200658187	804001S20M200	20m	328	1200658203	805001S26M1001	10m	329	1200658276	804001I20M100	10m	330	1200658287	803001I20M100	10m	331	1200658324	804001P20M030	3m	332	1200658328	808001P19M100	10m	333	1200658510	804001S20M2001	20m	334	1200658544	808001P19M250	25m	335	1200658547	803001P20M150	15m	336	1200658875	803001S20M0201G	2m	337	1200659029	804001S20M150	15m	338	1200659114	805001S26M050	5m	339	1200659156	805001S26M2001	20m	340	1200659240	803001P20M100HY	10m	341	1200657238	805001E03M250	25m	342	1200657145	804001P03M006	0.6m	343	1200657146	804001P03M070	7m	344	1200657147	804001P03M080	8m	345	1200657148	804001E03M003	0.3m	346	1200657149	804001E03M006	0.6m	347	1200657150	804001E03M080	8m	348	1200657185	805001E03M015	1.5m	349	1200658573	805001E03M010	1m	350	1200657265	805001H09M500	50
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No.	Part No.	Engineering No.	Cable Length
316	1200063109	804001S20M1001	10m
317	1200063165	805001P20M050	5m
318	1200064184	804001P20M250	25m
319	1200064268	808001S19M100	10m
320	1200064380	804001S20M0201	2m
321	1200064381	804001S20M0501	5m
322	1200064452	804001S20M3001	30m
323	1200064457	803001S20M0501	5m
324	1200650910	804001S20M100	10m
325	1200655008	808001P19M050	5m
326	1200658090	805001S26M100	10m
327	1200658187	804001S20M200	20m
328	1200658203	805001S26M1001	10m
329	1200658276	804001I20M100	10m
330	1200658287	803001I20M100	10m
331	1200658324	804001P20M030	3m
332	1200658328	808001P19M100	10m
333	1200658510	804001S20M2001	20m
334	1200658544	808001P19M250	25m
335	1200658547	803001P20M150	15m
336	1200658875	803001S20M0201G	2m
337	1200659029	804001S20M150	15m
338	1200659114	805001S26M050	5m
339	1200659156	805001S26M2001	20m
340	1200659240	803001P20M100HY	10m
341	1200657238	805001E03M250	25m
342	1200657145	804001P03M006	0.6m
343	1200657146	804001P03M070	7m
344	1200657147	804001P03M080	8m
345	1200657148	804001E03M003	0.3m
346	1200657149	804001E03M006	0.6m
347	1200657150	804001E03M080	8m
348	1200657185	805001E03M015	1.5m
349	1200658573	805001E03M010	1m
350	1200657265	805001H09M500	50m

DOCUMENT STATUS	P1	RELEASE DATE	2022/11/30	11:33:43
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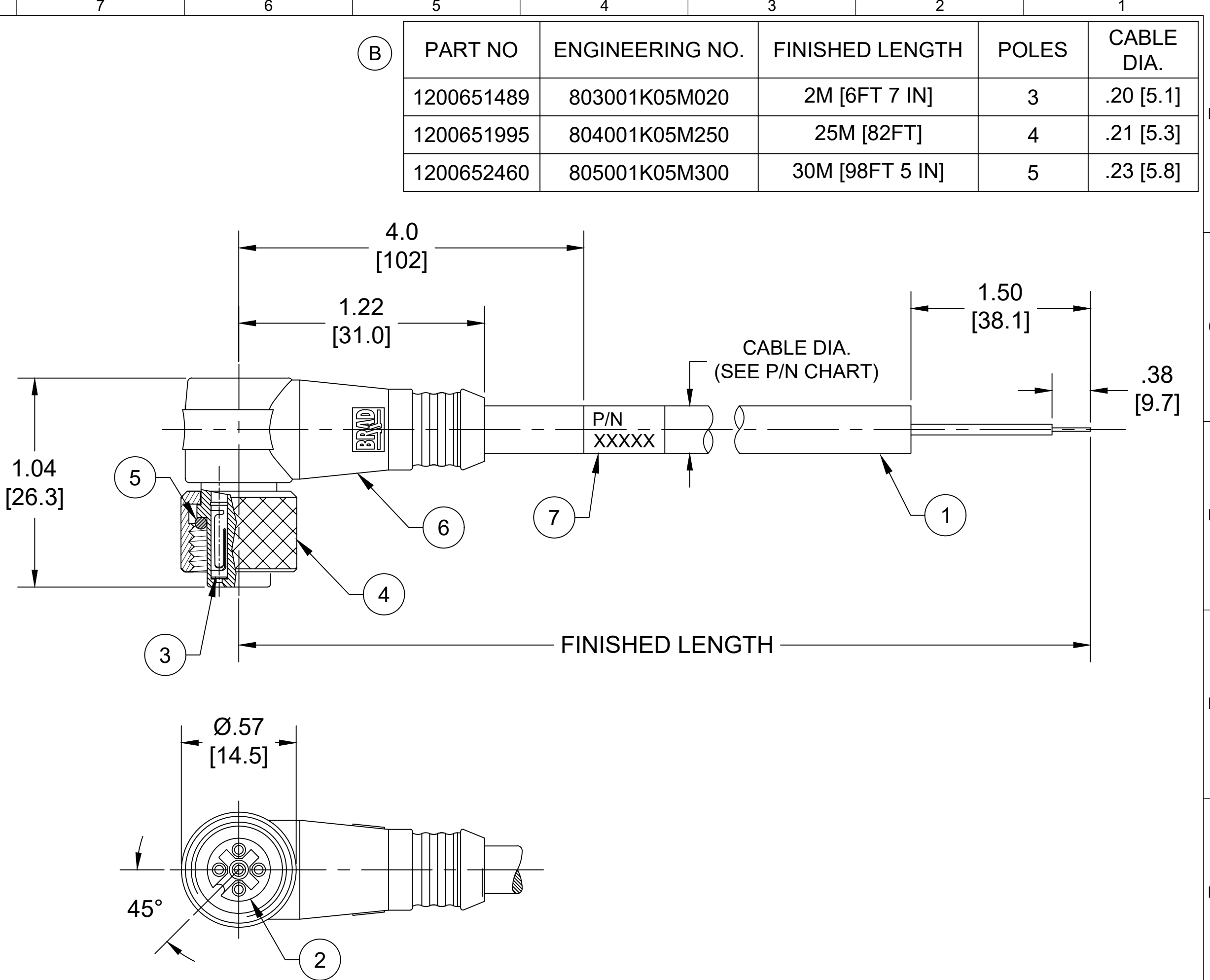
- NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
4. TEMP RATING: -20°TO +105°C (B)
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12X1
7. UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

CABLE FLEX CHARACTERISTICS

TORSIONAL FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

7	WRAP LABEL	VINYL	BLACK/YELLOW
6	OVERMOLD	TPC	YELLOW
5	O-RING	VITON	RED
4	COUPLING NUT	BRASS	NICKEL PLATED
3	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
2	FEMALE INSERT	PUR	BLACK
1	#22 AWG CABLE	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/28 23:37:19
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PART NO. MATRIX

803001K05M010

POLES (3, 4 & 5)

FINISHED LENGTH
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER

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]

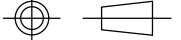
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

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

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: ITEM #6 WAS TPE. MODIFIED TEMP RATING & PN CHART.										
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
		mm	INCH												
DIVISIONAL SYMBOLS	4 PLACES		±----	±----	EC NO: 671333										
	3 PLACES		±----	±----	DRWN: ABENJAMINLW 2021/04/27										
	2 PLACES		±----	±----	CHK'D: RSTONE 2021/07/23										
	1 PLACE		±----	±----	APPR: BWOODMAN 2021/07/28										
	0 PLACES		±----	±----	INITIAL REVISION:										
ANGULAR TOL ± ---- °				DRWN: RSTONE 2018/10/25		2018/11/30									
APPR: BWOODMAN															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		120065		SEE CHART		GENERAL MARKET		1 OF 1	