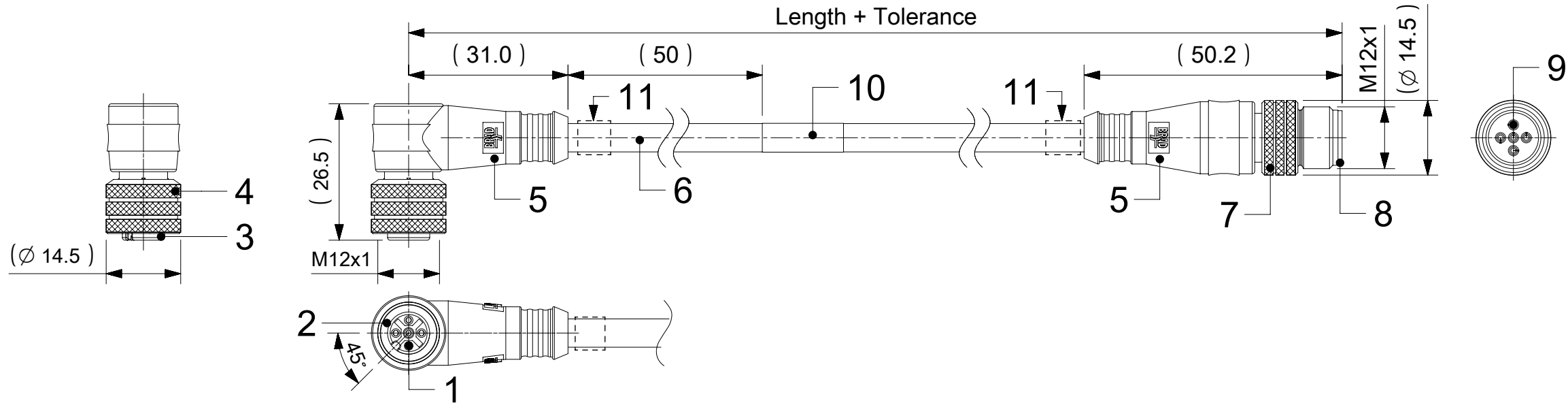


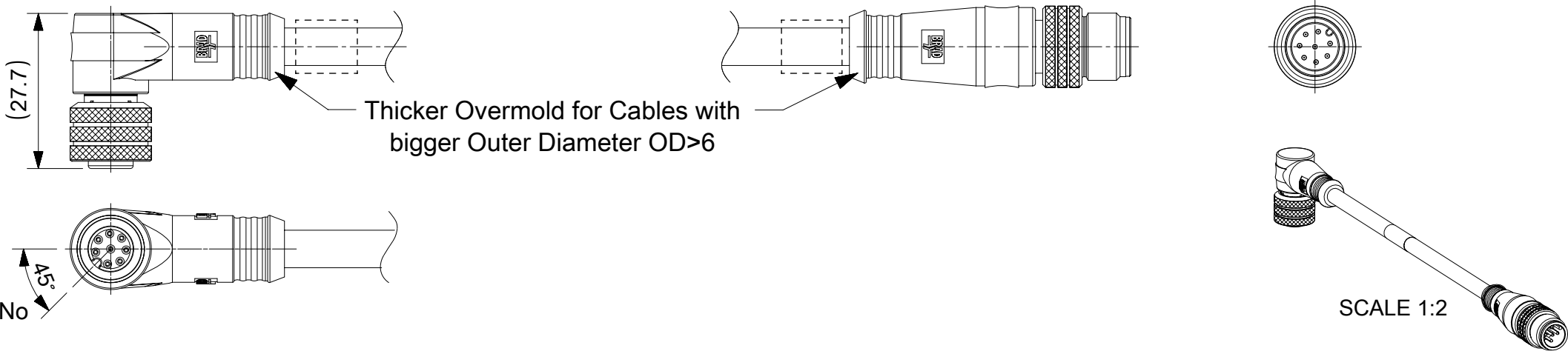
FEMALE PLUG M12 90° ANGLED TO MALE PLUG M12 STRAIGHT



NOTES:

RATED VOLTAGE: 3, 4 contacts 250V per IEC 60664
5 contacts 60V per IEC 60664
5 contacts 250V per UL 2238
8 contacts 30V per IEC 60664
RATED CURRENT: 3, 4, 5 contacts 4A
8 contacts 2A
PROTECTION CLASS: IP 67
TEMPERATURE: -25°C / +85°C

* FOR CABLES lxx USE PRINTING ON THE CABLE IN THE SAME MEASUREMENT LIKE FOR LABEL – ENGINEERING No



CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS		8 CONTACTS	
FEMALE								
MALE								
CONNECTIONS	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	4	BLACK	4	BLACK	4	YELLOW
	5	---	5	---	5	GREY OR GREEN/YELLOW	5	GREY
							6	PINK
							7	BLUE
CODING REQUIRED TO IEC 61076-2-101								
							8	RED

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

11	SEE PART LIST	ID CARRIER	PVC	TRANSPARENT
10	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES lxx	---	---
9	3 / 4 / 5 / 8	CONTACT MALE	SEE PART LIST	SELECTIVE Au OVER Ni
8	1	INSERT MALE BLACK	SEE PART LIST	---
7	1	COUPLING NUT MALE	SEE PART LIST	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	SEE PART LIST	---
4	1	COUPLING NUT FEMALE	SEE PART LIST	---
3	1	INSERT FEMALE BLACK	SEE PART LIST	---
2	1	O-RING RED	FPM	---
1	3 / 4 / 5 / 8	CONTACT FEMALE	SEE PART LIST	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		CURRENT REV DESC: ADD NEW PN FOR NEW LENGTH 7M			molex								
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)							CSE M12 XP AC FE RA MA STR XM DE								
ANGULAR TOL ± 1.0 °															
4 PLACES ±															
3 PLACES ±				EC NO: 791338 DRWN: RSILLER 2024/07/03 CHK'D: THAERDT 2024/07/03 APPR: THAERDT 2024/07/03			PRODUCT CUSTOMER DRAWING								
2 PLACES ± 0.05															
1 PLACE ± 0.3															
0 PLACES ± 0.5				INITIAL REVISION: DRWN: JMARSZALEK 2016/10/06 APPR: RSILLER 2016/12/08			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 					DRAWING A3-SIZE		SERIES 120066		1200660973		PSD	000	A11
		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
				A3-SIZE		120066				GENERAL MARKET		1 OF 4			

	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>1200060052</td><td>884031I20M005</td><td>0.5m</td></tr> <tr><td>2</td><td>1200060053</td><td>884031I20M010</td><td>1m</td></tr> <tr><td>3</td><td>1200060054</td><td>884031I20M015</td><td>1.5m</td></tr> <tr><td>4</td><td>1200060055</td><td>884031I20M020</td><td>2m</td></tr> </table>				No.	Part No.	Engineering No.	Cable Length	1	1200060052	884031I20M005	0.5m	2	1200060053	884031I20M010	1m	3	1200060054	884031I20M015	1.5m	4	1200060055	884031I20M020	2m	<table> <tr><th>No.</th><th>Part No.</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>36</td><td>1200072725</td><td>885031I26M005</td><td>0.5m</td></tr> <tr><td>37</td><td>1200072726</td><td>885031I26M010</td><td>1m</td></tr> <tr><td>38</td><td>1200659070</td><td>884031I20M010Y</td><td>1m</td></tr> <tr><td>39</td><td>1200659071</td><td>884031I20M015Y</td><td>1.5m</td></tr> </table>				No.	Part No.	Engineering No.	Cable Length	36	1200072725	885031I26M005	0.5m	37	1200072726	885031I26M010	1m	38	1200659070	884031I20M010Y	1m	39	1200659071	884031I20M015Y	1.5m	<table> <tr><th>No.</th><th>Part No.</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>71</td><td>1200665039</td><td>884031S20M003</td><td>0.3m</td></tr> <tr><td>72</td><td>1200665053</td><td>884031S20M060H</td><td>6m</td></tr> <tr><td>73</td><td>1200665074</td><td>884031K05M080</td><td>8m</td></tr> <tr><td>74</td><td>1200668052</td><td>883031S20M006</td><td>0.6m</td></tr> </table>				No.	Part No.	Engineering No.	Cable Length	71	1200665039	884031S20M003	0.3m	72	1200665053	884031S20M060H	6m	73	1200665074	884031K05M080	8m	74	1200668052	883031S20M006	0.6m	<table> <tr><th>Pos.</th><th>Part No.</th><th>Engineering No.</th><th>Cable Length</th></tr> <tr><td>106</td><td>1200668912</td><td>883031E03M050H</td><td>5m</td></tr> <tr><td>107</td><td>1200668175</td><td>883031E03M060</td><td>6m</td></tr> <tr><td>108</td><td>1200070127</td><td>883031E03M100</td><td>10m</td></tr> <tr><td>109</td><td>1200658762</td><td>883031H09M006</td><td>0.6m</td></tr> </table>				Pos.	Part No.	Engineering No.	Cable Length	106	1200668912	883031E03M050H	5m	107	1200668175	883031E03M060	6m	108	1200070127	883031E03M100	10m	109	1200658762	883031H09M006	0.6m	F																																																																																
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FORMAT: master-tb-prod-A3 REVISION: J1 DATE: 2021/05/01	9	8
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4	3	2	1
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F	Pos.	Part No.	Engineering No.	Cable Length	Pos.	Part No.	Engineering No.	Cable Length																																			
	143	1200668210	884031H09M009	0.9m	191	1200656208	888031H08C250	2.5m																																			
	144	1200668484	884031H09M010	1m	192	1200656209	888031H08M005	0.5m																																			
	145	1200668848	884031H09M013	1.3m	193	1200656210	888031H08M008	0.8m																																			
	146	1200668488	884031H09M015	1.5m	194	1200656211	888031H08M012	1.2m																																			
E	147	1200668845	884031H09M018	1.8m	195	1200656212	888031H08M015	1.5m																																			
	148	1200668212	884031H09M020	2m	196	1200070057	883021E03M006	0.6m																																			
	149	1200668847	884031H09M021	2.1m	197	1200070058	883021E03M020	2m																																			
	150	1200668215	884031H09M030	3m	198	1200070439	884021P03M006	0.6m																																			
	151	1200668670	884031H09M050	5m	199	1200070440	884021P03M010	1m																																			
D	152	1200668671	884031H09M100	10m	200	1200070441	884021P03M020	2m																																			
	153	1200070526	884031P03M003	0.3m	201	1200070442	884021P03M030	3m																																			
	154	1200070527	884031P03M006	0.6m	202	1200070870	883021P03M050	5m																																			
	155	1200060056	884031P03M010	1m	203	1200072191	883021E03M030	3m																																			
	156	1200060057	884031P03M020	2m	204	1200072198	883021E03M050	5m																																			
C	157	1200070529	884031P03M030	3m	205	1200665038	884021E03M050	5m																																			
	158	1200071187	884031P03M050	5m	206	1200668061	884021E03M006	0.6m																																			
	159	1200072012	884031P03M100	10m	207	1200668219	884021E03M030	3m																																			
	160	1300288001	885031D12M020	2m	208	1200668673	888031E02M0041	0.4m																																			
	161	1200668658	885031E02M020	2m	209	1200669541	884031P03M015	1.5m																																			
B	162	1200668610	885031E02M050	5m	210	1200669885	884031E03M004	0.4m																																			
	163	1200668660	885031E02M100	10m	211	1200669886	884031E03M005	0.5m																																			
	164	1200668339	885031E03M006	0.6m	212	1200669887	884031E03M013	1.3m																																			
	165	1200668189	885031E03M010	1m	213	1200669888	884031E03M080	8m																																			
	166	1200668278	885031E03M020	2m	214	1200070510	883031E03M070	7m																																			
A	167	1200668340	885031E03M030	3m																																							
	168	1200668279	885031E03M050	5m																																							
	169	1200668653	885031E03M070	7m																																							
	170	1200668348	885031E03M100	10m																																							
	171	1200668761	885031E03M150	15m																																							
	172	1200669229	885031H09C250	25m																																							
	173	1200668512	885031H09M006	0.6m																																							
	174	1200668496	885031H09M010	1m																																							
	175	1200668513	885031H09M020	2m																																							
	176	1200668514	885031H09M030	3m																																							
	177	1200668515	885031H09M050	5m																																							
	178	1200668516	885031H09M100	10m																																							
	179	1200073085	885031P03M006	0.6m																																							
	180	1200668188	885031P03M010	1m																																							
	181	1200072376	885031P03M0105	1m																																							
	182	1200070917	885031P03M020	2m																																							
	183	1200668091	885031P03M025	2.5m																																							
	184	1200070919	885031P03M030	3m																																							
	185	1200668273	885031P03M050	5m																																							
	186	1200073086	885031P03M100	10m																																							
	187	1200070434	884021E03M020	2m																																							
	188	1200658319	888031H08M050	5m																																							
	189	1200668673	888031E02M0041	0.4m																																							
	190	1200668849	888031P02M150	15m																																							
DOCUMENT STATUS				P1	RELEASE DATE				2024/07/03	14:19:30																																	
FORMAT: master-b-prod-A3				9				8				7				6				5				4				3				2				1							
REVISION: 11																																											
DATE: 2021/05/01																																											

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: ADD NEW PN FOR NEW LENGTH 7M									
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 791338 DRWN: RSILLER2024/07/03 CHK'D: THAERDT2024/07/03 APPR: THAERDT2024/07/03 INITIAL REVISION: DRWN: JMARSZALEK2016/10/06 APPR: RSILLER2016/12/08									
ANGULAR TOL		± 1.0 °											
4 PLACES		±											
3 PLACES		±											
2 PLACES		± 0.05											
1 PLACE		± 0.3											
0 PLACES		± 0.5											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES					
						A3-SIZE		120066					
molex CSE M12 XP AC FE RA MA STR XM DE PRODUCT CUSTOMER DRAWING						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						1200660973		PSD		000		A11	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
								GENERAL MARKET				4 OF 4	