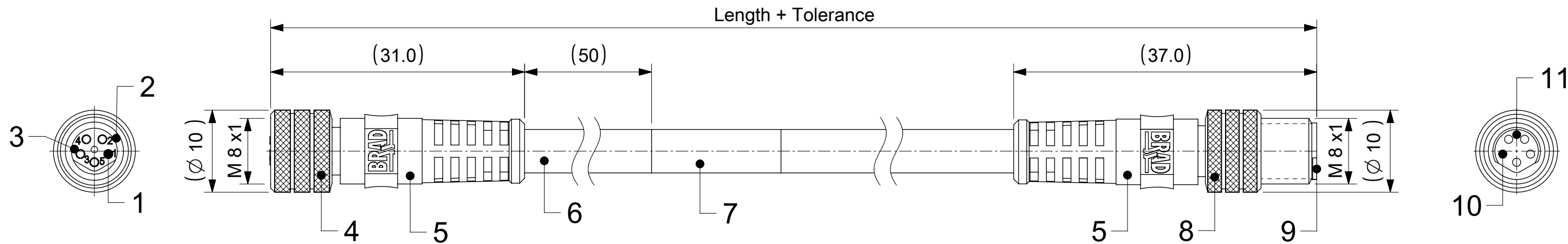


FEMALE PLUG M8 STRAIGHT TO MALE PLUG M8 STRAIGHT



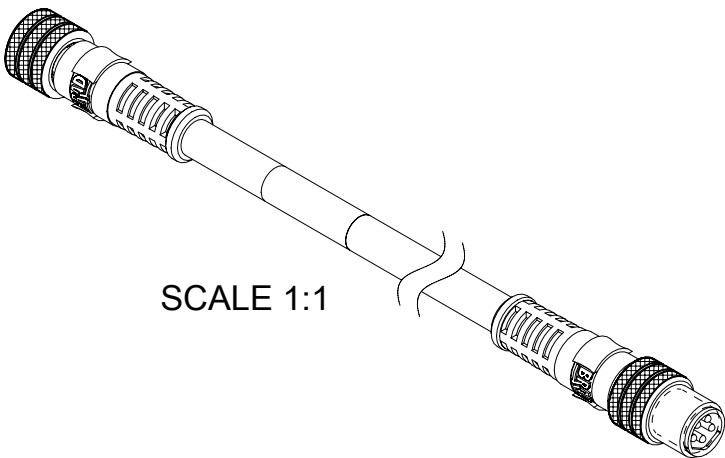
NOTES:

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: SEE CABLE INFORMATION



CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS	
FEMALE						
MALE						
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

11	1	INSERT MALE BLACK	TPU	---
10	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
9	1	SLEEVE	BRASS	NICKEL
8	1	COUPLING NUT M8 MALE	BRASS	NICKEL
7	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES lxx	---	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	TPU	---
4	1	COUPLING NUT M8 FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE BLACK	TPU	---
2	1	O-RING RED	FKM	---
1	3 / 4 / 5	CONTACT M8 FEMALE	BRASS	SELECTIVE Au OVER Ni
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: NEW P/N'S ADDED					molex							
	mm		2:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)									EC NO: 670068 DRWN: RSCHIEBER 2021/07/12 CHK'D: RSILLER 2021/07/13 APPR: RSILLER 2021/07/13				CSE M8 M8 XP AC BC FE STR MA STR XM			
	ANGULAR TOL ± 1.0 °																
	4 PLACES		±														
	3 PLACES		±														
	2 PLACES		± 0.05														
	DIVISIONAL SYMBOLS	1 PLACE		± 0.3						PRODUCT CUSTOMER DRAWING							
		0 PLACES		± 0.5													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOCUMENT NUMBER											DOC TYPE	DOC PART	REVISION
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER							CUSTOMER		SHEET NUMBER
				A3-SIZE		120087		1200878240				PSD	000	A10			
								SEE PART LIST				GENERAL MARKET		1 OF 3			

F

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D

C

A

B

1

FORMAT: master-lib-prod-A3
REVISION: J
DATE: 2020/01/14

	10	9	8	7	6	5	4	3	2	1		
PART LIST												
F	No.	Molex PN	Engineering No.	Cable Length	No.	Molex PN	Engineering No.	Cable Length	No.	Molex PN	Engineering No.	Cable Length
	1	1200271413	445030H08M010	1m	36	1200878273	443030E02M003	0.3m	71	1200878351	444030E02M025	2.5m
	2	1200280321	443030E02M020	2m	37	1200878274	443030E02M015	1.5m	72	1200878352	444030E02M030	3m
	3	1200280343	443030E02M030	3m	38	1200878275	443030E02M025H	2.5m	73	1200878353	444030E02M040	4m
	4	1200280384	443030I02M006	0.6m	39	1200878276	443030E02M050H	5m	74	1200878354	444030E02M050	5m
	5	1200280427	443030I02M010	1m	40	1200878277	443030E02M060	6m	75	1200878355	444030E02M100	10m
	6	1200280462	443030E02M050	5m	41	1200878278	443030E02M100	10m	76	1200878356	444030H08M020	2m
	7	1200280464	443030E02M040	4m	42	1200878279	443030E02M150	15m	77	1200878357	444030P02M003	0.3m
	8	1200281222	443030P82M003	0.3m	43	1200878280	443030E02M010G	1m	78	1200878358	444030P02M006	0.6m
	9	1200281282	443030E02M025	2.5m	44	1200878281	443030E02M012G	1.2m	79	1200878359	444030P02M010	1m
E	10	1200281284	444030E02M015	1.5m	45	1200878282	443030I02M003	0.3m	80	1200878360	444030P02M020	2m
	11	1200281309	445030P02M010	1m	46	1200878283	443030I02M015	1.5m	81	1200878361	444030P02M030	3m
	12	1200281310	445030P02M050	5m	47	1200878284	443030I02M020	2m	82	1200878362	444030P02M050	5m
	13	1200870687	445030P02M006	0.6m	48	1200878285	443030I02M030	3m	83	1200878494	443030E02M070	7m
	14	1200870688	445030P02M030	3m	49	1200878286	443030I02M040	4m	84	1200878495	444030H08M010	1m
	15	1200875035	443030E02M006	0.6m	50	1200878287	443030I02M050	5m	85	1200878500	443030H08M010	1m
	16	1200878025	443030P82M006	0.6m	51	1200878288	443030I02M060	6m	86	1200878509	444030H08M050	5m
	17	1200878035	445030P02M020	2m	52	1200878289	443030I02M070	7m	87	1200878535	443030E02M020Y	2m
	18	1200878036	445030P02M040	4m	53	1200878290	443030I02M100	10m	88	1200878536	443030E02M050Y	5m
	19	1200878037	445030P02M100	10m	54	1200878291	443030I02M150	15m	89	1200878537	443030E02M040Y	4m
D	20	1200878124	444030H08M003	0.3m	55	1200878292	443030P02M003	0.3m	90	1200878538	443030E02M006Y	0.6m
	21	1200878126	443030H08M030	3m	56	1200878293	443030P02M015	1.5m	91	1200878539	443030H08M050Y	5m
	22	1200878127	443030H08M050	5m	57	1200878294	443030P02M020	2m	92	1200878540	443030H08M020Y	2m
	23	1200878139	445030P02M250	25m	58	1200878295	443030P02M025	2.5m	93	1200878541	443030E02M010Y	1m
	24	1200878140	443030P02M010	1m	59	1200878296	443030P02M030	3m	94	1200878558	443030H08M006	0.6m
	25	1200878141	443030P02M006	0.6m	60	1200878297	443030P02M030G	3m	95	1200878559	444030H08M006	0.6m
	26	1200878149	443030H08M020	2m	61	1200878298	443030P02M035	3.5m	96	1200878574	444030E02M003H	0.3m
	27	1200878161	444030E02M200	20m	62	1200878299	443030P02M040	4m	97	1200878575	444030E02M030H	3m
	28	1200878166	443030H08M040	4m	63	1200878300	443030P02M060	6m	98	1200878576	443030E02M003H	0.3m
	29	1200878233	443030P02M050	5m	64	1200878301	443030P02M070	7m	99	1200878577	444030E02M006H	0.6m
C	30	1200878234	443030P02M100	10m	65	1200878302	443030P02M150	15m	100	1200878596	443030P02M010H	1m
	31	1200878239	445030E02M006	0.6m	66	1200878346	444030E02M003	0.3m	101	1200878626	443030H08M080	8m
	32	1200878240	445030E02M020	2m	67	1200878347	444030E02M005	0.5m	102	1200878627	445030H08M040	4m
	33	1200878241	445030E02M050	5m	68	1200878348	444030E02M006	0.6m	103	1200878635	443030E02M080	8m
	34	1200878258	443030E02M010	1m	69	1200878349	444030E02M010	1m	104	1200878636	443030H08M055	5.5m
	35	1200878272	443030E02M002G	0.2m	70	1200878350	444030E02M020	2m	105	1200878642	443030E02M006H	0.6m
B	No.	Molex PN	Engineering No.	Cable Length	No.	Molex PN	Engineering No.	Cable Length				
	141	1200878983	443030H08M015H	1.5m	151	1200879003	444030H08M020H	2.0m				
	142	1200878984	443030H08M045H	4.5m	152	1200879004	444030H08M010H	1.0m				
	143	1200878985	443030H08M065	6.5m	153	1200879007	444030H08M006H	0.6m				
	144	1200878986	443030H08M075H	7.5m	154	1200879010	444030H08M030H	3.0m				
	145	1200878987	444030H08M015H	1.5m	155	1200879035	443030H08M006H	0.6m				
	146	1200878988	444030H08M025H	2.5m	156	1200879036	443030H08M010H	1.0m				
	147	1200878998	443030H08M030H	3.0m	157	1200879037	443030H08M025H	2.5m				
	148	1200878999	443030H08M050H	5.0m	158	1200879050	443030H08M080H	8.0m				
	149	1200879001	443030H08M040H	4.0m	159	1200879052	444030H08M035H	3.5m				
A	150	1200878997	444030H08M003H	0.3m	160	1200879053	444030H08M040H	4.0m				
					161	1200879054	444030H08M050H	5.0m				
	DOCUMENT STATUS	P1	RELEASE DATE	2021/07/13 12:11:24								
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	FORMAT: m88815-06A3 REVISION: 1 DATE: 2020/01/11											
	FUNCTIONAL SYMBOLS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC: NEW P/N'S ADDED EC NO: 670068 DRWN: RSCHIEBER 2021/07/12 CHK'D: RSILLER 2021/07/13 APPR: RSILLER 2021/07/13 INITIAL REVISION: DRWN: JMARSZALEK 2016/09/15 APPR: RSILLER 2017/01/11 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER mm 2:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 A3-SIZE 120087 SEE PART LIST GENERAL MARKET 3 OF 3											
	molex CSE M8 M8 XP AC BC FE STR MA STR XM PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 1200878240 DOC TYPE PSD DOC PART 000 REVISION A10											

DOCUMENT STATUS

P1

RELEASE DATE

2021/07/13

12:11:24