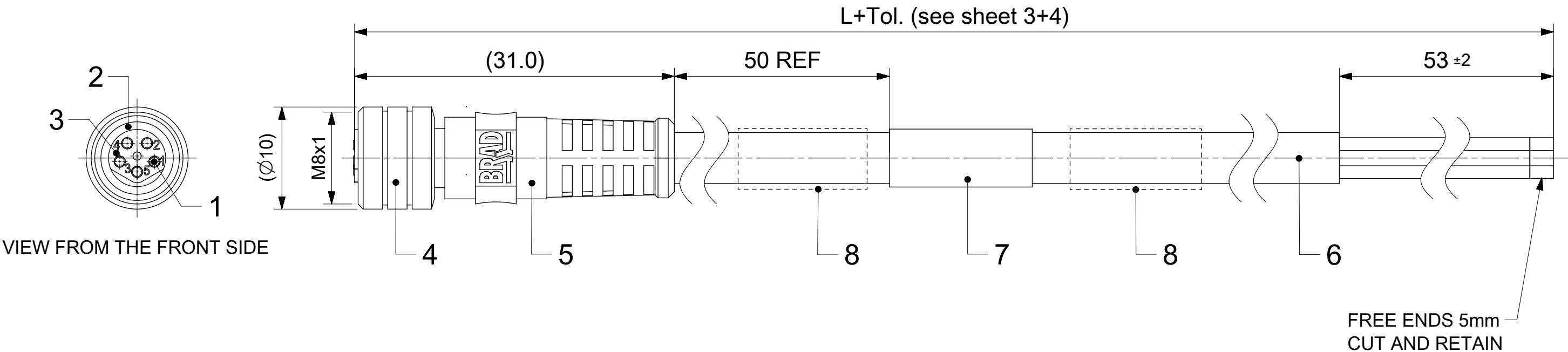


FEMALE PLUG M8 STRAIGHT



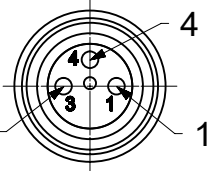
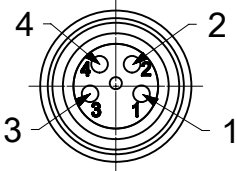
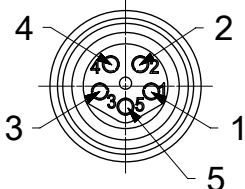
NOTES:

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

CURRENT RATING: 3, 4, 5 contacts 3A

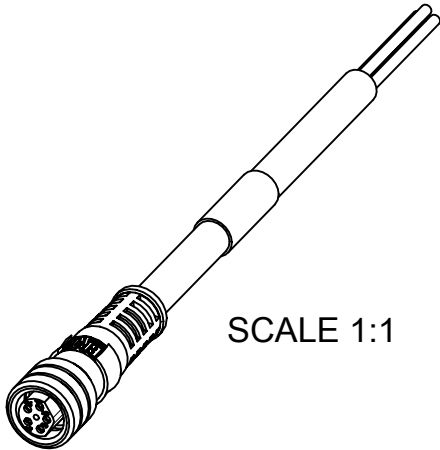
PROTECTION CLASS: IP 67

TEMPERATURE: -25°C / +80°C

CONTACTS POSITION FRONT VIEW:							
		3 CONTACTS		4 CONTACTS		5 CONTACTS	
FEMALE							
	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 Ixx	---	---
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 FA = 0 FE = 0 FV = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										molex					
	DIMENSION UNITS		SCALE		CURRENT REV DESC: MATRIX UPDATED											
	mm		2:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)										M8 SINGLE ENDED FEMALE STRAIGHT					
	ANGULAR TOL ± °															
	4 PLACES ±		EC NO: 670691													
	3 PLACES ±		CHK'D: RSILLER		2021/07/19											
	2 PLACES ±		APPR: RSILLER		2021/07/19											
	1 PLACE ±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
	0 PLACES ±		DRWN: AKONDRACIUK				1200860594		PSD		000		A8			
		APPR: MIWASIECZKO				2017/11/16										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A3-SIZE		120086		SEE SHEET 3-4		GENERAL MARKET		1 OF 4		

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/19	14:40:35
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F

E



C

BA[illegible]

F

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

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
71	1200868698	404000E02M1509H	15m
72	1200868774	404000E02M060	6m
73	1200868776	404000E02M070	7m
74	1200271409	403000H08M010	1m
75	1200271442	403000H08M020G	2m
76	1200868045	403000H08M020	2m
77	1200868053	404000H08M050	5m
78	1200868060	404000H08M030	3m
79	1200868101	403000H08M050	5m
80	1200868115	403000H08M100	10m
81	1200868116	403000H08M200	20m
82	1200868117	404000H08M100	10m
83	1200868118	404000H08M200	20m
84	1200868122	403000H08M030	3m
85	1200868162	404000H08M040	4m
86	1200868207	404000H08M020	2m
87	1200868209	403000H08M015	1.5m
88	1200868214	403000H08M005	0.5m
89	1200868215	404000H08M005	0.5m
90	1200868395	405000H08M020	2m
91	1200868404	405000H08M050	5m
92	1200868405	405000H08M100	10m
93	1200868468	403000H08M050Y	5m
94	1200868469	403000H08M100Y	10m
95	1200868487	404000H08M010	1m
96	1200868596	403000H08M010Y	1m
97	1200868476	403000H09M020	2m
98	1200860468	403000P03M050GQ	5m
99	1200868030	404000P03M200G	20m
100	1200270709	405000P02M020	2m
101	1200270854	405000P02M075G	7.5m
102	1200860475	405000P02M050	5m
103	1200860594	405000P02M100	10m
104	1200868001	403000P02M020	2m
105	1200868002	403000P02M050	5m

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

F

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CABLE LENGTH TOLERANCES		
OVER [mm]	UP TO AND INCLUDING [mm]	TOLERANCES [mm]
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF FINISHED LENGTH

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/19	14:40:35
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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: 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 INITIAL REVISION: DRWN: AKONDRACIUK 2017/02/16 APPR: MIWASIECZKO 2017/11/16				M8 SINGLE ENDED FEMALE STRAIGHT			
	ANGULAR TOL ± °											
	4 PLACES ±								PRODUCT CUSTOMER DRAWING			
	3 PLACES ±											
	2 PLACES ±								DOCUMENT NUMBER 1200860594			
	1 PLACE ±				PSD	000	A8					
	0 PLACES ±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					A3-SIZE	120086	SEE SHEET 3-4		GENERAL MARKET		3 OF 4	

