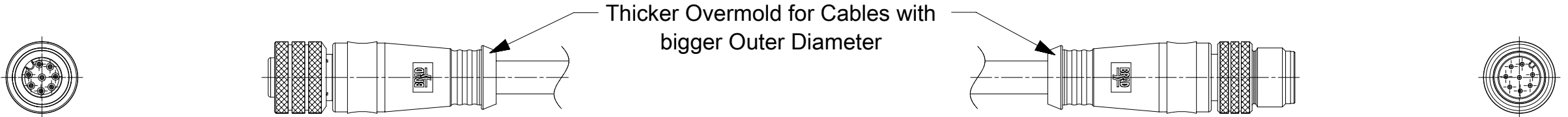
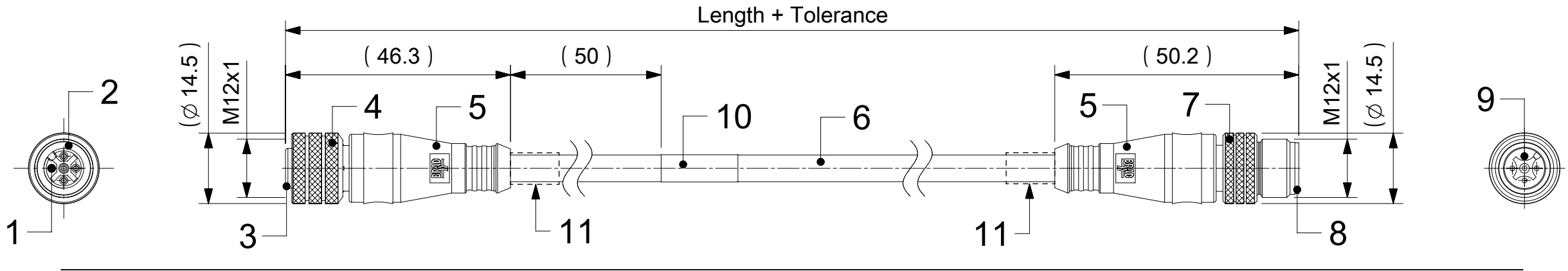


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT

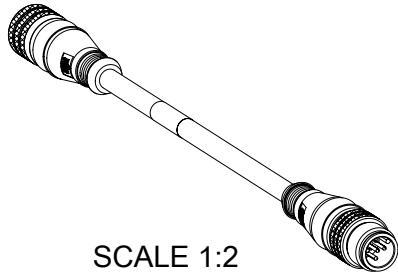


NOTES:

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

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	GREY	5	GREY
							6	PINK
							7	BLUE
CODING REQUIRED TO IEC 61076-2-101								



FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

11	SEE SHEET 2	ID CARRIER	PVC	TRANSPARENT
10	1	LABEL YELLOW	VINYL	-
9	3 / 4 / 5 / 8	CONTACT MALE	SEE PART LIST	SELECTIVE GOLD OVER NICKEL
8	1	INSERT MALE BLACK	TPU	-
7	1	COUPLING NUT MALE	-	-
6	-	CABLE	SEE SHEET 2	-
5	-	OVERMOULDING BLACK	TPU	-
4	1	COUPLING NUT FEMALE	-	-
3	1	INSERT FEMALE BLACK	PUR	-
2	1	O-RING RED	FPM	-
1	3 / 4 / 5 / 8	CONTACT FEMALE	SEE PART LIST	SELECTIVE GOLD OVER NICKEL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC:											
		mm		1:1													
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				molex CSE M12 XP AC FE STR MA STR XM DE PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 1200668084 DOC TYPE PSD DOC PART 000 REVISION A11 MATERIAL NUMBER SEE SHEET 3-4 CUSTOMER GENERAL MARKET SHEET NUMBER 1 OF 4											
		ANGULAR TOL ± 1.0 °															
		4 PLACES ±															
		3 PLACES ±															
		2 PLACES ± 0.05															
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0		INITIAL REVISION:				EC NO: 626827 DRWN: SSM 2019/11/05 CHK'D: RSILLER 2019/11/06 APPR: RSILLER 2019/11/06											
		1 PLACE ± 0.3															
		0 PLACES ± 0.5															
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE SHEET 3-4 GENERAL MARKET 1 OF 4					
				A3-SIZE		120066											

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

OPTIONS

88X030XXXXXX

88=Micro-Change
M12x1
Double ended

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

Heads style:
030=Plug Female Straight
to Plug Male Straight

Cable type: See Table

Units:
M=Meter
C=Centimeter

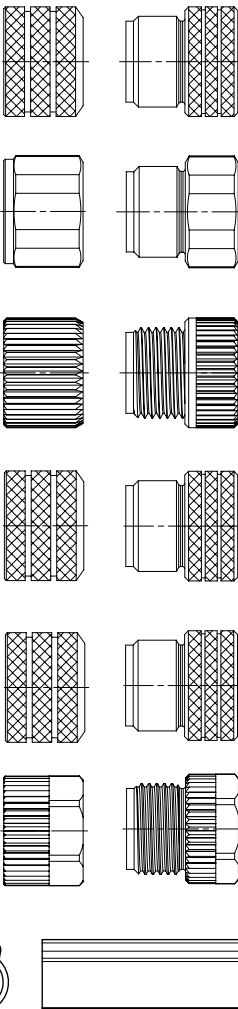
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow

Coupling Nut:
Blank (Standard) & 3=Knurled Brass Ni Plated
1=Hexagonal Stainless steel
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated
8=Type 316 stainless steel
9=Knurled / Hexagonal Brass Ni Plated SW13

H= 2 pcs. of I/D Carrier PVC Transparent

COUPLING NUTS
FEMALE MALE



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
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.	-	-
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	-
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.	-	-

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

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex										
	mm		1:1																	
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 626827					CSE M12 XP AC FE STR MA STR XM DE										
 = 0																				
 = 0	ANGULAR TOL ± 1.0 °				DRWN: SSM 2019/11/05					PRODUCT CUSTOMER DRAWING										
 = 0	4 PLACES ±				CHK'D: RSILLER 2019/11/06															
 = 0	3 PLACES ±				APPR: RSILLER 2019/11/06															
 = 0	2 PLACES ± 0.05				INITIAL REVISION:					DOCUMENT NUMBER 1200668084										
 = 0	1 PLACE ± 0.3				DRWN: JMARSZALEK 2016/09/16										DOC TYPE		DOC PART		REVISION	
 = 0	0 PLACES ± 0.5				APPR: RSILLER 2016/12/08										PSD		000		A11	
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
 = 0							A3-SIZE		120066		SEE SHEET 3-4		GENERAL MARKET		2 OF 4					

DOCUMENT STATUS	P1	RELEASE DATE	2019/11/06	09:12:10
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PART LIST

No.	MOLEX PN	Engineering No.	Length
141	1200668528	885030E03M020H	2m
142	1200668530	885030E03M010H	1m
143	1200668538	888030P02M0101	1m
144	1200668543	888030P02M450	45m
145	1200668544	888030P02M500	50m
146	1200668545	888030P02M600	60m
147	1200668548	884030H09M006H	0.6m
148	1200668549	884030H09M010H	1m
149	1200668550	884030H09M050H	5m
150	1200668602	885030P03M020G	2m
151	1200668609	885030E02M050	5m
152	1200668646	883030P03M030HY	3m
153	1200668652	885030E03M070	7m
154	1200668656	885030E02M100	10m
155	1200668657	885030E02M020	2m
156	1200668661	884030E02M0031	✱0.3m
157	1200668662	883030E02M006	0.6m
158	1200668664	885030E02M010	1m
159	1200668672	884030E03M0051	✱0.5m
160	1200668674	885030E03M150	15m
161	1200668683	885030H09M150	15m
162	1200668684	885030H09M200	20m
163	1200668687	884030P03M005	0.5m
164	1200668689	884030H08M030	3m
165	1200668690	883030P03M020YH	2m
166	1200668691	883030P03M010YH	1m
167	1200668708	885030E02M050Y	5m
168	1200668712	883030P03M100HY	10m
169	1200668713	883030P03M050HY	5m
170	1200668714	884030H09M0209	2m
171	1200668715	884030H09M003	0.3m
172	1200668718	884030E03M250	25m
173	1200668719	884030E03M300	30m
174	1200668720	884030P03M150	15m
175	1200668721	884030P03M250	25m

No.	MOLEX PN	Engineering No.	Length
176	1200668722	884030P03M300	30m
177	1200668723	884030P03M350	35m
178	1200668724	884030P03M400	40m
179	1200668737	884030H09M055	5.5m
180	1200668739	888030E02M0061	0.6m
181	1200668754	884030P03M020H	2m
182	1200668765	885030P03M015	1.5m
183	1200668770	884030E03M350	35m
184	1200668771	884030E03M400	40m
185	1200668772	885030P03M003	0.3m
186	1200668774	888030H08M100	10m
187	1200668775	885030P03M300	30m
188	1200668776	888030E02M010	1m
189	1200668777	888030E02M020	2m
190	1200668778	888030E02M030	3m
191	1200668779	888030E02M050	5m
192	1200668780	888030E02M100	10m
193	1200668781	888030E02M150	15m
194	1200668782	888030E02M200	20m
195	1200668783	888030E02M350	35m
196	1200668784	885030E03M300	30m
197	1200668785	885030E03M350	35m
198	1200668786	884030E03M070	7m
199	1200668794	885030P03M006H	0.6m
200	1200668795	885030P03M010H	1m
201	1200668796	885030P03M030H	3m
202	1200668797	885030P03M050H	5m
203	1200668798	885030P03M100H	10m
204	1200668800	885030P03M200H	20m
205	1200668801	885030P03M300H	30m
206	1200668802	885030P03M350H	35m
207	1200668803	888030P02M010H	1m
208	1200668804	888030P02M020H	2m
209	1200668805	888030P02M030H	3m
210	1200668806	888030P02M050H	5m

No.	MOLEX PN	Engineering No.	Length
211	1200668807	888030P02M100H	10m
212	1200668808	888030P02M150H	15m
213	1200668809	888030P02M200H	20m
214	1200668810	888030P02M350H	35m
215	1200668815	884030P03M0805	8m
216	1200668852	888030P02M025	2.5m
217	1200668853	885030H09M040	4m
218	1200668854	885030H09M060	6m
219	1200668903	885030P03C130	0.13m
220	1200668917	888030P02M090	9m
221	1200668970	888030P02M004	0.4m
222	1200668971	888030E02M006	0.6m
223	1200668972	885030E03M003	0.3m
224	1200668973	885030E03M025	2.5m
225	1200668980	885030E03M080H	8m
226	1200668981	885030E03M040H	4m
227	1200668982	885030E03M060H	6m
228	1200668985	885030E03M030H	3m
229	1200669111	885030P03M150H	15m
230	1200669117	888030H08M040	4m
231	1200669133	888030P02M3008	30m
232	1200669134	883030H09M015	1.5m
233	1200669135	883030H09M200	20m
234	1200669153	883030E03M0101	1m
235	1200669161	888030H08M150	15m
236	1200669212	888030H08M050	5m
237	1200669310	888030H08M005	0.5m
238	1200669311	888030H08M008	0.8m
239	1200669312	888030H08M012	1.2m
240	1200669313	888030H08M015	1.5m
241	1200669314	888030H08C250	0.25m
242	1200669353	888030P02M130	13m
243	1200669423	884030E03M025	2.5m
244	1200669424	884030E03M035	3.5m
245	1200669437	888030H08M200	20m

No.	MOLEX PN	Engineering No.	Length
246	1200669477	888030E02M300	30m
247	1200669478	888030E02M400	40m
248	1200669479	888030E02M500	50m
249	1200669499	883030E03M080	8m
250	1200669500	883030E03M120	12m
251	1200669501	883030E03M140	14m
252	1200669502	883030E03M160	16m
253	1200669503	883030E03M180	18m
254	1200669508	884030E03M080	8m
255	1200669509	884030E03M140	14m
256	1200669510	884030E03M160	16m
257	1200669511	883030E03M060	6m
258	1200669561	883030E02M050	5m
259	1200669350	883030H09M030H	3m
260	1200669609	883030E02M0201	2m
261	1200669717	884030P03M080	8m
262	1200669522	883030E03M200	20m
263	1200669523	883030E03M250	25m
264			
265			
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280			

NOTES:
✱ - Part No. with Yellow PVC overmolding

SYMBOLS

▽ = 0

▽ = 0

▽ = 0

▽ = 0

▼ = 0

▽ = 0

☒ = 0

■ = 0

▽ = 0

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DIMENSION UNITS

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL

±

1.0 °

4 PLACES

±

3 PLACES

±

2 PLACES

±

0.05

1 PLACE

±

0.3

0 PLACES

±

0.5

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 626827

DRWN: SSM

CHK'D: RSILLER

APPR: RSILLER

2019/11/05

2019/11/06

2019/11/06

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: RSILLER

2016/09/16

2016/12/08

THIRD ANGLE PROJECTION

DRAWING

SERIES

3

A3-SIZE

120066

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

1200668084

PSD

000

A11

4 OF 4

moLEX

CSE M12 XP AC FE STR MA STR XM DE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

1200668084

PSD

000

A11

1200668084

PSD

000

A11

1200668084

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A11

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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