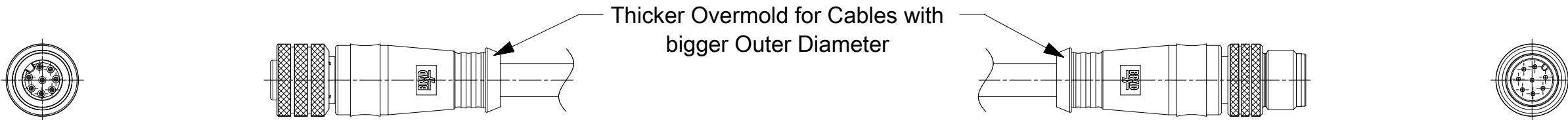
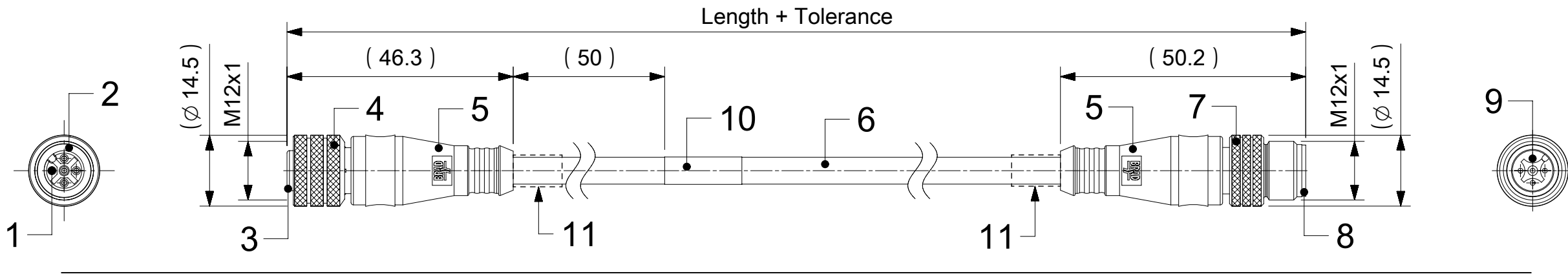


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT



NOTES:

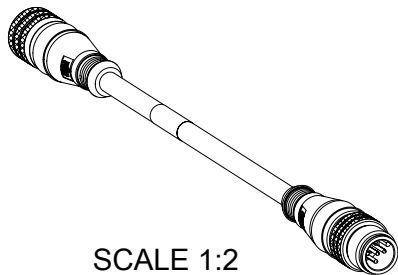
RATED VOLTAGE: 3, 4 contacts 250V per IEC 60664
5 contacts 60V per IEC 60664
5 contacts 250V per UL 2238
8 contacts 30V per IEC 60664

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		1 PLACE ± 0.3				EC NO: 626827 DRWN: SSM 2019/11/05 CHK'D: RSILLER 2019/11/06 APPR: RSILLER 2019/11/06 INITIAL REVISION: DRWN: JMARSZALEK 2016/09/16 APPR: RSILLER 2016/12/08							
		0 PLACES ± 0.5											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0		THIRD ANGLE PROJECTION		DRAWING		SERIES							
				A3-SIZE		120066							

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

OPTIONS

8

8

X

0

3

0

X

X

X

X

X

X

X

X

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

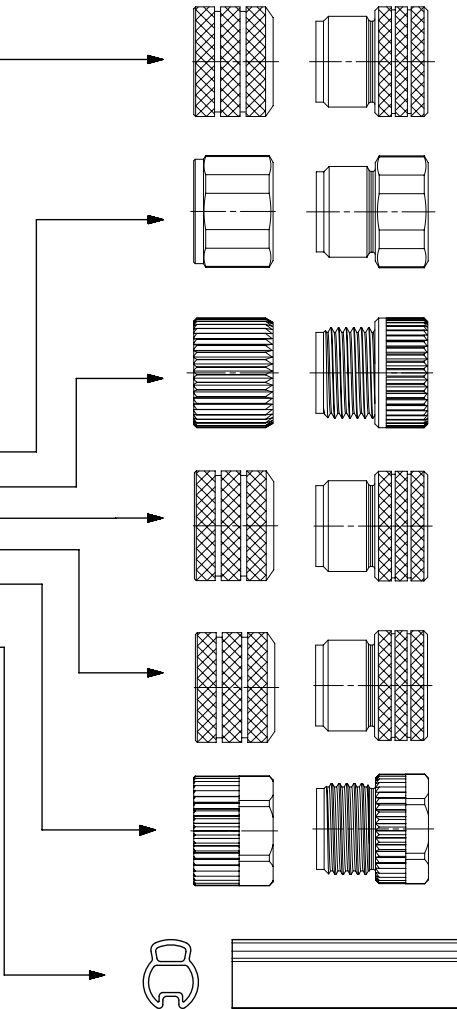
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

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

▽ = 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 2019/11/05

CHK'D: RSILLER 2019/11/06

APPR: RSILLER 2019/11/06

INITIAL REVISION:

DRWN: JMARSZALEK 2016/09/16

APPR: RSILLER 2016/12/08

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

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

SEE SHEET 3-4

GENERAL MARKET

2 OF 4

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

FORMAT: master-B-prod-A3
REVISION: 14
DATE: 2018/01/18

9				8				7				6				5				4				3				2				1				
PART LIST																																				
E	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																							

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
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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* - Part No. with Yellow PVC overmolding

DOCUMENT STATUS	P1	RELEASE DATE	2019/11/06 09:12:10
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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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