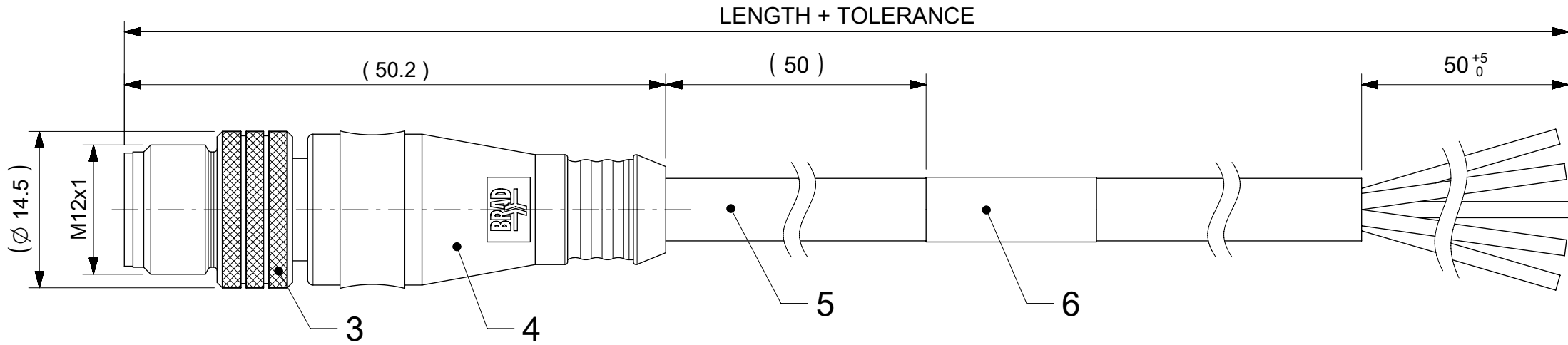
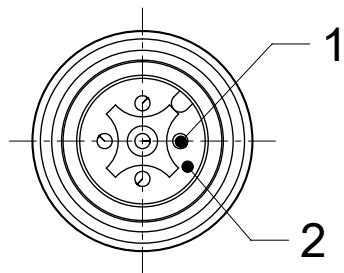
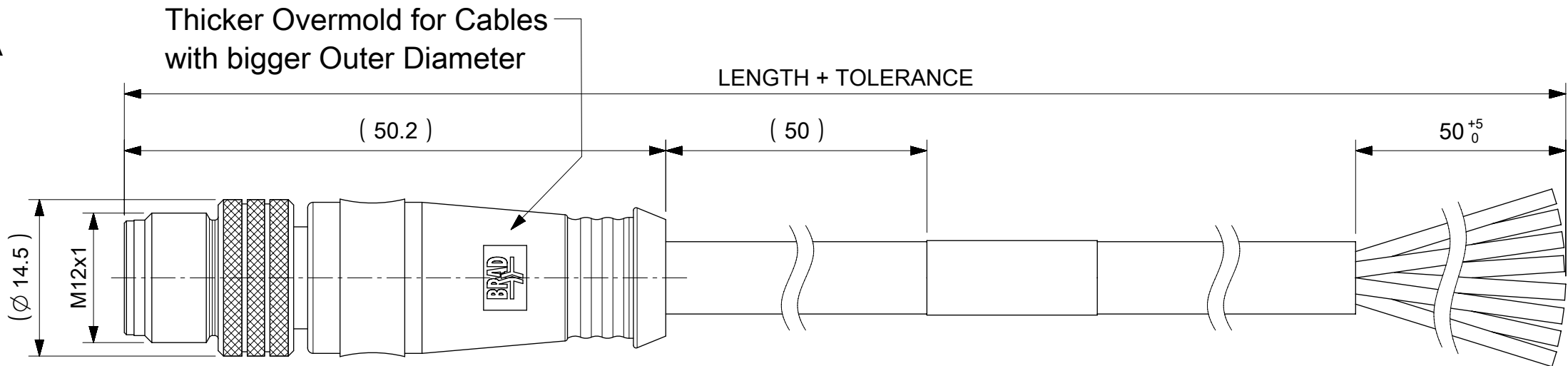
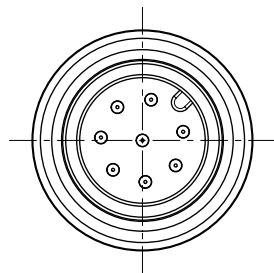


MALE PLUG M12 STRAIGHT



NOTES:
RATED VOLTAGE: 3, 4 contacts 250V
5 contacts 60V
8 contacts 30V
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	
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
						8	RED

CODING REQUIRED TO IEC 61076-2-101

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

7	SEE MATRIX	D CARRIER	PVC	TRANSPARENT
6	1	LABEL YELLOW	VINYL	---
5	-	CABLE	SEE SHEET 2	---
4	-	OVERMOLDING BLACK	TPU	---
3	1	COUPLING NUT MALE	BRASS	NICKEL
2	1	INSERT MALE BLACK	PUR	---
1	3 / 4 / 5 / 8	CONTACT M12 MALE	BRASS	SELECTIVE Au OVER Ni
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	SCALE	CURRENT REV DESC:	molex			
▽ = 0	mm	2:1	EC NO: 636015	CSE M12 XP AC MA STR XM SE UNSH			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: PDZIECIOL 2020/04/16	PRODUCT CUSTOMER DRAWING			
▽ = 0	ANGULAR TOL ± 1.0°		CHK'D: DSTACHOWIAK 2020/04/17	DOCUMENT NUMBER 1200659185			
▽ = 0	4 PLACES ±		APPR: DSTACHOWIAK 2020/04/17	DOC TYPE PSD			
▽ = 0	3 PLACES ±		INITIAL REVISION:	DOC PART 000			
▽ = 0	2 PLACES ± 0.05		DRWN: JMARSZALEK 2016/01/12	REVISION A7			
▽ = 0	1 PLACE ± 0.3		APPR: RSILLER 2016/04/08	MATERIAL NUMBER SEE SHEET 3-4			
▽ = 0	0 PLACES ± 0.5		THIRD ANGLE PROJECTION	CUSTOMER GENERAL MARKET			
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING A3-SIZE	SHEET NUMBER 1 OF 4			
▽ = 0			SERIES 120065				

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

OPTIONS

8 0 X 0 0 6 X X X X X X X X

80=M12x1
Single ended

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

Heads style:
006=Plug Male Straight

Cable type: See Table

Units:
M=Meter

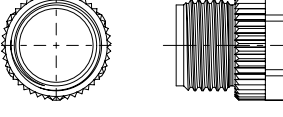
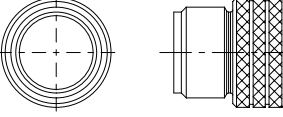
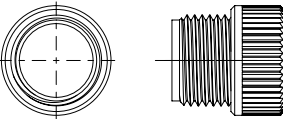
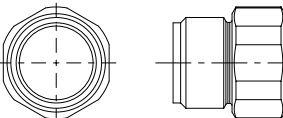
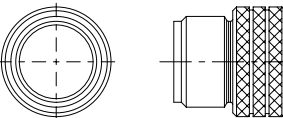
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow
For Cable A09=Yellow

Coupling Nut:
Blank (Standard) & 3=Knurled Brass Ni Plated
1 or 8=Hexagonal Stainless steel
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated
Blank=7 for cables I20, I26, K03, K05, P82, S26
9=Knurled / Hexagonal Brass Ni Plated

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

COUPLING NUTS

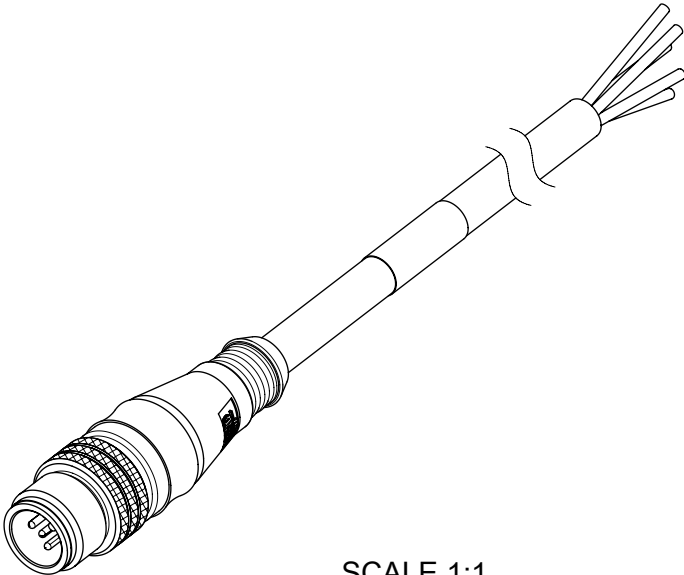


CABLE INFORMATION (for more information see Cable Data Sheet).

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	0.25mm ²	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	0.34mm ²	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	0.25mm ²	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	0.34mm ²	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	0.25mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P03	3 / 4 / 5	0.34mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
A09	3	0.34mm ²	PVC YELLOW						-

CABLE LENGTH TOLERANCES

OVER	UP TO AND INCLUDING	TOLERANCES
0	305mm	+19mm
305mm	915mm	+45mm
915mm	1830mm	+56mm
1830mm	3660mm	+89mm
3660mm	7320mm	+165mm
7320mm	14640mm	+317mm
14640mm	30500mm	+610mm
30500mm	>	+2% of finished length



SCALE 1:1

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	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	4 PLACES		±		EC NO: 636015 DRWN: PDZIECIOL 2020/04/16 CHK'D: DSTACHOWIAK 2020/04/17 APPR: DSTACHOWIAK 2020/04/17			CSE M12 XP AC MA STR XM SE UNSH							
	3 PLACES		±												
	2 PLACES		± 0.05												
	1 PLACE		± 0.3		INITIAL REVISION: DRWN: JMARSZALEK 2016/01/12 APPR: RSILLER 2016/04/08			DOCUMENT NUMBER 1200659185		DOC TYPE PSD	DOC PART 000	REVISION A7			
	0 PLACES		± 0.5												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						A3-SIZE		120065		SEE SHEET 3-4		GENERAL MARKET		2 OF 4	

10				9				8				7				6				5				4				3				2				1				
PART LIST																																								
F	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length				
	1	1200060046	804006E03M120	12m	36	1200062596	805006E03M003	0.3m	71	1200652157	805006P03M040	4m	106	1200658612	803006P03M040	4m	107	1200658613	803006P03M100	10m	108	1200658653	803006H09M010	1m	109	1200658654	803006H09M015	1.5m	110	1200658655	803006H09M020	2m	111	1200658656	803006H09M030	3m	112	1200658657	803006H09M040	4m
	2	1200060047	804006P03M050	5m	37	1200062631	805006P03M120	12m	72	1200652158	805006P03M100	10m	107	1200658613	803006P03M100	10m	108	1200658653	803006H09M010	1m	109	1200658654	803006H09M015	1.5m	110	1200658655	803006H09M020	2m	111	1200658656	803006H09M030	3m	112	1200658657	803006H09M040	4m	113	1200658658	808006H08M010	1m
	3	1200060240	803006E03M020	2m	38	1200062799	805006E03M010	1m	73	1200655011	805006P03M005	0.5m	108	1200658653	803006H09M010	1m	109	1200658654	803006H09M015	1.5m	110	1200658655	803006H09M020	2m	111	1200658656	803006H09M030	3m	112	1200658657	803006H09M040	4m	113	1200658658	808006H08M010	1m	114	1200658659	808006H08M015	1.5m
	4	1200060241	803006E03M050	5m	39	1200062830	804006E03M0205	2m	74	1200655051	805006E03M006	0.6m	109	1200658654	803006H09M015	1.5m	110	1200658655	803006H09M020	2m	111	1200658656	803006H09M030	3m	112	1200658657	803006H09M040	4m	113	1200658658	808006H08M010	1m	114	1200658659	808006H08M015	1.5m	115	1200658660	808006H08M020	2m
	5	1200060242	803006E03M100	10m	40	1200062877	804006E03M0505	5m	75	1200658016	808006P02M060	6m	110	1200658655	803006H09M020	2m	111	1200658656	803006H09M030	3m	112	1200658657	803006H09M040	4m	113	1200658658	808006H08M010	1m	114	1200658659	808006H08M015	1.5m	115	1200658660	808006H08M020	2m	116	1200658661	808006H08M030	3m
	6	1200060256	803006P03M002	0.2m	41	1200062920	804006E03M1005	10m	76	1200658055	803006P03M003	0.3m	111	1200658656	803006H09M030	3m	112	1200658657	803006H09M040	4m	113	1200658658	808006H08M010	1m	114	1200658659	808006H08M015	1.5m	115	1200658660	808006H08M020	2m	116	1200658661	808006H08M030	3m	117	1200658662	808006H08M040	4m
	7	1200060257	803006P03M020	2m	42	1200063018	803006P03M0303	3m	77	1200658057	803006P03M035	3.5m	112	1200658657	803006H09M040	4m	113	1200658658	808006H08M010	1m	114	1200658659	808006H08M015	1.5m	115	1200658660	808006H08M020	2m	116	1200658661	808006H08M030	3m	117	1200658662	808006H08M040	4m	118	1200658663	808006H08M050	5m
	8	1200060260	803006P03M030	3m	43	1200063077	804006E02M005	0.5m	78	1200658076	804006P03M0505	5m	113	1200658658	808006H08M010	1m	114	1200658659	808006H08M015	1.5m	115	1200658660	808006H08M020	2m	116	1200658661	808006H08M030	3m	117	1200658662	808006H08M040	4m	118	1200658663	808006H08M050	5m	119	1200658727	804006H09M010	1m
	9	1200060261	803006P03M050	5m	44	1200063470	804006E03M010H	1m	79	1200658092	805006P03M010	1m	114	1200658659	808006H08M015	1.5m	115	1200658660	808006H08M020	2m	116	1200658661	808006H08M030	3m	117	1200658662	808006H08M040	4m	118	1200658663	808006H08M050	5m	119	1200658727	804006H09M010	1m	120	1200658728	804006H09M015	1.5m
E	10	1200060558	804006E03M006	0.6m	45	1200063472	804006P03M200	20m	80	1200658109	808006P02M003	0.3m	115	1200658660	808006H08M020	2m	116	1200658661	808006H08M030	3m	117	1200658662	808006H08M040	4m	118	1200658663	808006H08M050	5m	119	1200658727	804006H09M010	1m	120	1200658728	804006H09M015	1.5m	121	1200658729	804006H09M020	2m
	11	1200060559	804006E03M010	1m	46	1200063731	805006P03M0065	0.6m	81	1200658110	808006P02M150	15m	116	1200658661	808006H08M030	3m	117	1200658662	808006H08M040	4m	118	1200658663	808006H08M050	5m	119	1200658727	804006H09M010	1m	120	1200658728	804006H09M015	1.5m	121	1200658729	804006H09M020	2m	122	1200658730	804006H09M030	3m
	12	1200060560	804006E03M020	2m	47	1200063732	804006E03M0501	5m	82	1200658181	808006P02M010	1m	117	1200658662	808006H08M040	4m	118	1200658663	808006H08M050	5m	119	1200658727	804006H09M010	1m	120	1200658728	804006H09M015	1.5m	121	1200658729	804006H09M020	2m	122	1200658730	804006H09M030	3m	123	1200658731	804006H09M040	4m
	13	1200060561	804006E03M030	3m	48	1200063733	804006E03M1001	✱	10m	83	1200658209	805006E03M0061	✱	0.6m	118	1200658663	808006H08M050	5m	119	1200658727	804006H09M010	1m	120	1200658728	804006H09M015	1.5m	121	1200658729	804006H09M020	2m	122	1200658730	804006H09M030	3m	123	1200658731	804006H09M040	4m		
	14	1200060562	804006E03M050	5m	49	1200063856	804006E03M1501	✱	15m	84																														

PART LIST

No.	Part No.	Engineering No.	Cable Length
141	1200658890	804006H09M003	0.3m
142	1200658892	803006H09M003	0.3m
143	1200658893	804006E03M050H	5m
144	1200658895	804006H09M200	20m
145	1200658897	805006E03M200	20m
146	1200658913	805006P03M030	3m
147	1200658918	808006E02M005H	0.5m
148	1200658919	808006E02M010H	1m
149	1200659034	804006E02M050	5m
150	1200659036	804006E02M070	7m
151	1200659037	804006E02M100	10m
152	1200659041	808006E02M005	0.5m
153	1200659080	804006E03M020Y	2m
154	1200659104	803006E03M010Y	1m
155	1200659109	804006E02M020	2m
156	1200659110	808006E02M0501	✱ 5m
157	1200659111	803006E02M050	5m
158	1200659141	805006H09M200	20m
159	1200659142	805006H09M300	30m
160	1200659145	805006E03M300	30m
161	1200659149	805006H09M005	0.5m
162	1200659154	804006P03M100Y	10m
163	1200659178	804006P03M075	7.5m
164	1200659179	804006P03M015	1.5m
165	1200659185	805006E03M080	8m
166	1200659186	804006E03M060	6m
167	1200659190	804006P03M250	25m
168	1200659191	804006P03M300	30m
169	1200659192	804006P03M350	35m
170	1200659193	804006P03M400	40m
171	1200659194	804006E03M250	25m
172	1200659195	804006E03M300	30m
173	1200659196	804006E03M350	35m
174	1200659197	804006E03M400	40m
175	1200659198	804006E03M450	45m

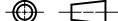
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177	1200659225	805006P03M300	30m
178	1200659254	804006E03M500	50m
179	1200659281	805006P03M150	15m
180	1200659284	808006E02M150	15m
181	1200659285	805006E03M150	15m
182	1200659316	805006P03M005H	0.5m
183	1200659317	805006P03M007H	0.7m
184	1200659318	805006P03M010H	1m
185	1200659319	805006P03M020H	2m
186	1200659320	805006P03M050H	5m
187	1200659321	805006P03M100H	10m
188	1200659322	805006P03M150H	15m
189	1200659323	805006P03M200H	20m
190	1200659324	805006P03M300H	30m
191	1200659325	805006P03M350H	35m
192	1200659367	805006E03M015	1.5m
193	1200659454	805006E03M045	4.5m
194	1200659455	805006E03M075	7.5m
195	1200659513	805006E03M030H	3m
196	1200659514	805006E03M045H	4.5m
197	1200659515	805006E03M075H	7.5m
198	1200659550	804006E03M120H	12m
199	1200659551	805006E03M010H	1m
200	1200659557	804006P03M003	0.3m
201	1200659612	804006P03M080	8m
202	1200659692	803006E02M020	2m
203	1200659983	804006E02M075	7.5m
204	1200659991	804006E02M0705	7m
205	1200656021	804006H09M050H	5m
206	1200659539	808006E02M100	** 10m
207	1200656293	803006E03M080	8m
208	1200656294	803006E03M120	12m
209	1200656295	804006E03M080	8m
210	1200656297	808006H08M005	0.5m

No.	Part No.	Engineering No.	Cable Length
211	1200650843	803006A09M0208	* 2m
212			
213			
214			
215			
216			
217			
218			
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220			
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222			
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245			

No.	Part No.	Engineering No.	Cable Length
246			
247			
248			
249			
250			
251			
252			
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256			
257			
258			
259			
260			
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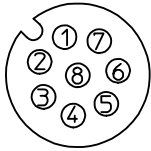
NOTES:

- * - Part No. with Yellow PVC overmolding
** - Part No. with Black PVC overmolding

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				
	= 0	mm		1:1										
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	= 0	ANGULAR TOL ± 1.0 °												
	= 0	4 PLACES ±		EC NO: 636015		DRWN: PDZIECIOL		2020/04/16		CSE M12 XP AC MA STR XM SE UNSH				
	= 0	3 PLACES ±		CHK'D: DSTACHOWIAK		2020/04/17		2020/04/17						
	= 0	2 PLACES ± 0.05		APPR: DSTACHOWIAK		2020/04/17		PRODUCT CUSTOMER DRAWING						
	= 0	1 PLACE ± 0.3		INITIAL REVISION:										
	= 0	0 PLACES ± 0.5		DRWN: JMARSZALEK		2016/01/12		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		1200659185		PSD	000	A7
	= 0					A3-SIZE		120065		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
										SEE PART LIST		GENERAL MARKET		4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/17	06:55:24
-----------------	----	--------------	------------	----------

8 POLE MM

FEMALE INSERT 3P
VIEW FROM FRONT SIDE

Pin	WIRE COLOR	Wire color
1	WHITE	WH
2	BROWN	BN
3	GREEN	GN
4	YELLOW	YE
5	GREY	GY
6	PINK	PK
7	BLUE	BU
8	RED	RD

Tablica tolerancji dlugosci Table of length tolerances		
Powyzej Over	Do-wlacznie Up to and including	Tolerancja (+) Tolerance
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% dlugosci of length

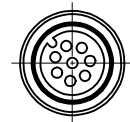
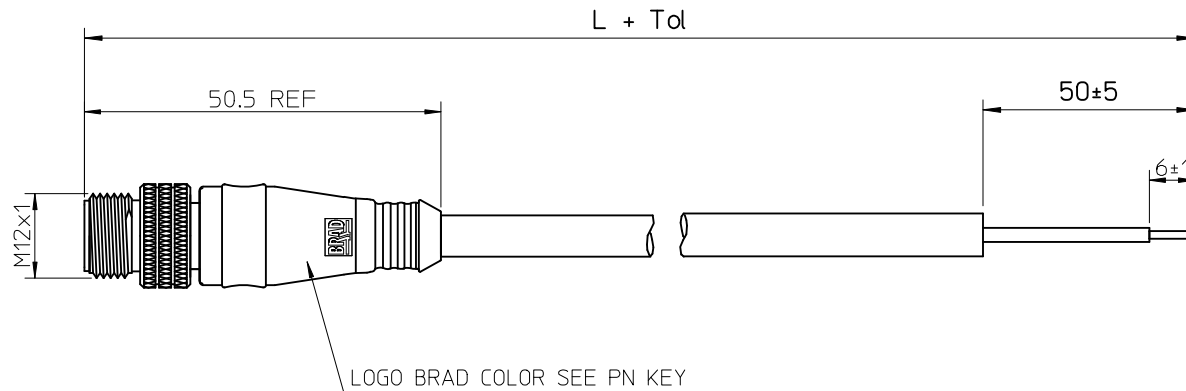
PART No MATRIX

8
B-Micro
Change0
B-Portable8
B-3 Core
4-4 Core
5-5 Core0
B06+ Male straight0
B06+ Male straight6
H08 - UL Listed LS01 Black
PUR 0.25mm² (24AWG)
P02 - 24AWG BLACK PUR CABLE
E02 - CABLE PVC BLACK 0.25mm²X
M-Metres
F-FeetX
LENGTH
020-2 METRES
050-5 METRES
200-20 METRESX
M-Metres
F-Feet

OPTIONS

X
Coupling Nut Material
Blank-Standard
S-Stainless Steel
5-BainnX
Blank=BLACK (Standard)
A=GREY
Y=YELLOW

OVERMOULD COLOR

VIEW FROM
FRONT SIDE

DRAWING UPDATE EC NO: IPG2013-0156 DRWN:HWALCZAK 2012/07/03 CHKD: APPR:MIWASIECZKO 2012/10/11	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION 		
				mm	INCH	DRAWN BY HWALCZAK	DATE 2012/02/10	TITLE CSE M12 8P AC MA STR PUR XM SE UNSH			
			4 PLACES	± ---	± ---	CHECKED BY JMARSZALEK	DATE 2012/02/16				
			3 PLACES	± ---	± ---	APPROVED BY MDYSZEWSKA	DATE 2012/02/16	DOCUMENT NO. SD-120065-001  MOLEX INCORPORATED			
			2 PLACES	± ---	± ---	ANGULAR ± ---°					
			1 PLACE	± ---	± ---						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. MATRIX DRAWING		SHEET NO. 1 OF 1						
A1	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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<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:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9