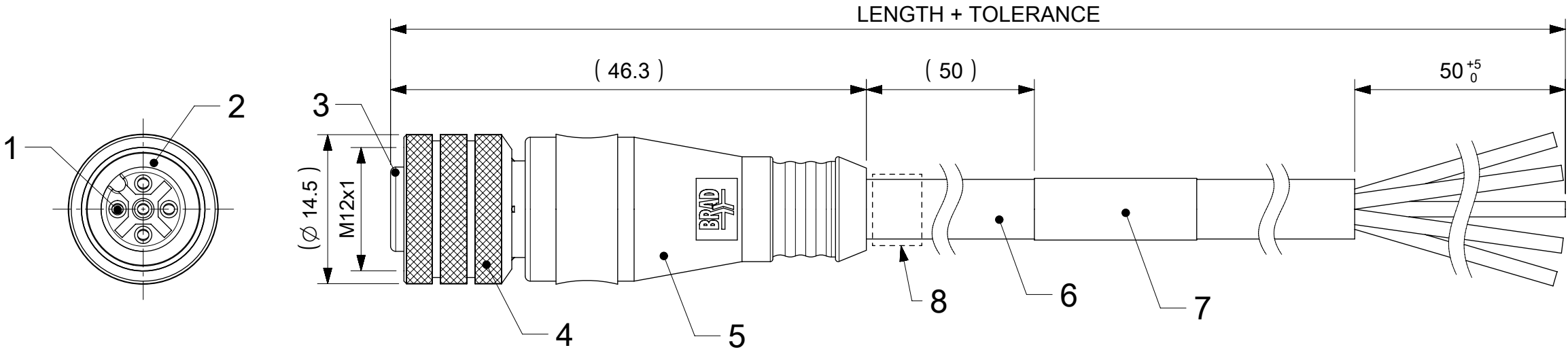


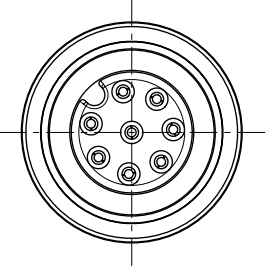
FEMALE PLUG M12 STRAIGHT



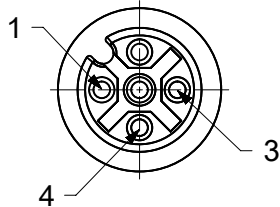
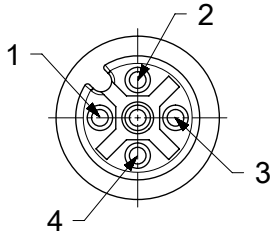
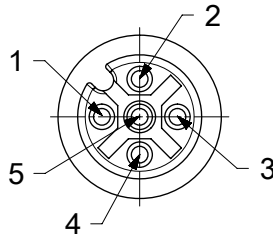
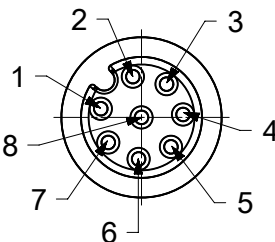
NOTES:

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

Thicker Overmold for Cables
with bigger Outer Diameter

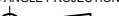


CONTACTS POSITION FRONT VIEW:

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

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

8	SEE MATRIX	ID CARRIER	PVC	TRANSPARENT
7	1	LABEL YELLOW	VINYL	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOLDING	TPU	SEE PART LIST
4	1	COUPLING NUT FEMALE	SEE PART LIST	SEE PART LIST
3	1	INSERT FEMALE BLACK	PUR	---
2	1	ORING RED	FPM	---
1	3 / 4 / 5	CONTACT M12 FEMALE	BRONZE	SELECTIVE Au OVER Ni
	8		BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: NEW PN ADDED								
	mm		2:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
 = 0	ANGULAR TOL		± 1.0 °		CSE M12 XP AC FE STR XM SE UNSH								
 = 0	4 PLACES		±										
 = 0	3 PLACES		±										
DIVISIONAL SYMBOLS	2 PLACES		± 0.05		PRODUCT CUSTOMER DRAWING								
	1 PLACE		± 0.3										
	0 PLACES		± 0.5		DOCUMENT NUMBER 1200651978								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION							DRAWING		SERIES	
			A3-SIZE							120065		MATERIAL NUMBER	
						SEE SHEET 3-4		GENERAL MARKET					
								SHEET NUMBER 1 OF 4					

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

OPTIONS

8	0	X	0	0	0	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:
000=Plug Female 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

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

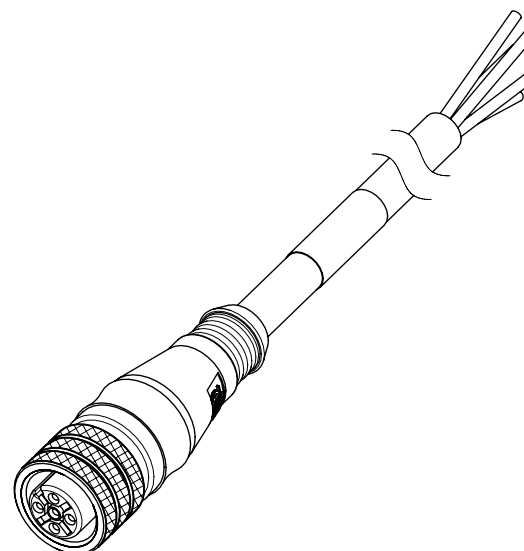
H= 2 pcs. of I/D Carrier PVC Transparent

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	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

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 PN ADDED		molex									
FA = 0	mm		1:1													
FE = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				CSE M12 XP AC FE STR XM SE UNSH											
FF = 0	ANGULAR TOL ± 1.0 °															
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 682469		PRODUCT CUSTOMER DRAWING									
	3 PLACES		±		DRWN: RSILLER 2021/10/22											
	2 PLACES		± 0.05		CHK'D: THAERDT 2021/10/26											
	1 PLACE		± 0.3		APPR: THAERDT 2021/10/26											
	0 PLACES		± 0.5		INITIAL REVISION:		DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING											
				A3-SIZE		120065		SEE SHEET 3-4		GENERAL MARKET		2 OF 4				
								1200651978		PSD		000		A8		

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/26	07:46:33
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PART LIST															
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	1200060001	803000E03M020	2m	36	1200060458	804000P03M0501	5m	71	1200063673	803000P03M1001	10m	106	1200658008	804000H09M050H	5m
2	1200060002	803000E03M050	5m	37	1200060461	804000P03M200	20m	72	1200063779	805000E03M300	30m	107	1200658009	804000H09M100H	10m
3	1200060003	803000E03M100	10m	38	1200060634	805000E03M020	2m	73	1200063940	804000P03M0051	0.5m	108	1200658020	805000P03M040	4m
4	1200060004	803000P03M020	2m	39	1200060638	805000E03M100	10m	74	1200064033	804000P03M120	12m	109	1200658021	808000P02M150	15m
5	1200060005	803000P03M050	5m	40	1200060646	805000P03M002	0.2m	75	1200064033	803000P03M002	0.2m	110	1200658022	808000P03M030	3m

5	1200060005	803000P03M030	5m
6	1200060006	803000P03M100	10m
7	1200060014	804000E03M020	2m
8	1200060015	804000E03M050	5m
9	1200060016	804000E03M100	10m
10	1200060018	804000P03M020	2m
11	1200060019	804000P03M050	5m
12	1200060027	803000E03M006	0.6m
13	1200060032	804000E03M005	0.5m
14	1200060034	804000P03M025	2.5m
15	1200060107	803000E03M003	0.3m
16	1200060113	803000E03M030	3m
17	1200060116	803000E03M0505	5m
18	1200060117	803000E03M1005	10m
19	1200060119	803000E03M150	15m
20	1200060121	803000E03M200	20m
21	1200060124	803000E03M2505	25m
22	1200060152	803000P03M010	1m
23	1200060153	803000P03M030	3m
24	1200060157	803000P03M150	15m
25	1200060158	803000P03M200	20m
26	1200060426	804000E03M010	1m
27	1200060427	804000E03M0201	** 2m
28	1200060428	804000E03M030	3m
29	1200060429	804000E03M0501	* 5m
30	1200060430	804000E03M0505	5m
31	1200060431	804000E03M150	15m
32	1200060432	804000E03M200	20m
33	1200060456	804000P03M0201	2m
34	1200060457	804000P03M030	3m

40	1200060646	805000P03M003	0.3m
41	1200060647	805000P03M020	2m
42	1200060649	805000P03M100	10m
43	1200061337	804000E03M0205	2m
44	1200061431	805000P03M150	15m
45	1200061528	804000E03M250	25m
46	1200061765	803000P03M002	0.2m
47	1200061785	804000P03M006	0.6m
48	1200061913	804000E03M300	30m
49	1200061958	803000E03M021	2.1m
50	1200062071	803000E03M060	6m
51	1200062098	803000P03M006	0.6m
52	1200062130	804000E03M050H	5m
53	1200062167	804000P03M100H	10m
54	1200062264	804000E03M1505	15m
55	1200062347	804000P03M050H	5m
56	1200062521	805000P03M030	3m
57	1200062772	803000P03M250	25m
58	1200062811	803000P03M100H	10m
59	1200062853	804000P03M150	15m
60	1200062866	804000E03M020H	2m
61	1200062992	804000E03M200H	20m
62	1200063121	804000P03M0053	0.5m
63	1200063224	804000E03M003	0.3m
65	1200063314	805000E03M010	1m
66	1200063402	804000P03M003	0.3m
67	1200063407	804000E03M1001	* 10m
68	1200063415	803000P03M0707	7m
69	1200063443	804000E03M030H	3m
70	1200063647	804000E03M2001	20m

75	1200064093	803000P03M032	3.2m
76	1200064292	805000P03M200	20m
79	1200064422	804000E03M120	12m
80	1200064434	804000H09M050G	5m
81	1200065004	805000P03M0201	2m
82	1200065006	804000H09M250G	25m
83	1200065012	803000P03M030G	3m
84	1200650951	808000P02M020	2m
85	1200650952	808000P02M040	4m
86	1200650953	808000P02M050	5m
87	1200650954	808000P02M060	6m
88	1200650955	808000P02M080	8m
89	1200650956	808000P02M0801	8m
90	1200650957	808000P02M100	10m
91	1200651769	803000P03M050G	5m
92	1200651780	804000P03M050G	5m
93	1200651782	804000P03M100	10m
94	1200651792	805000P03M050	5m
95	1200651794	808000P02M010	1m
96	1200651795	808000P02M070	7m
97	1200651817	808000P02M200	20m
98	1200651818	808000P02M250	25m
99	1200651820	808000P02M300	30m
100	1200651978	805000E03M050	5m
101	1200652143	804000P03M040	4m
102	1200652144	804000P03M060	6m
103	1200652154	805000P03M060	6m
104	1200655073	808000P02M003	0.3m
105	1200655081	805000E03M150	15m

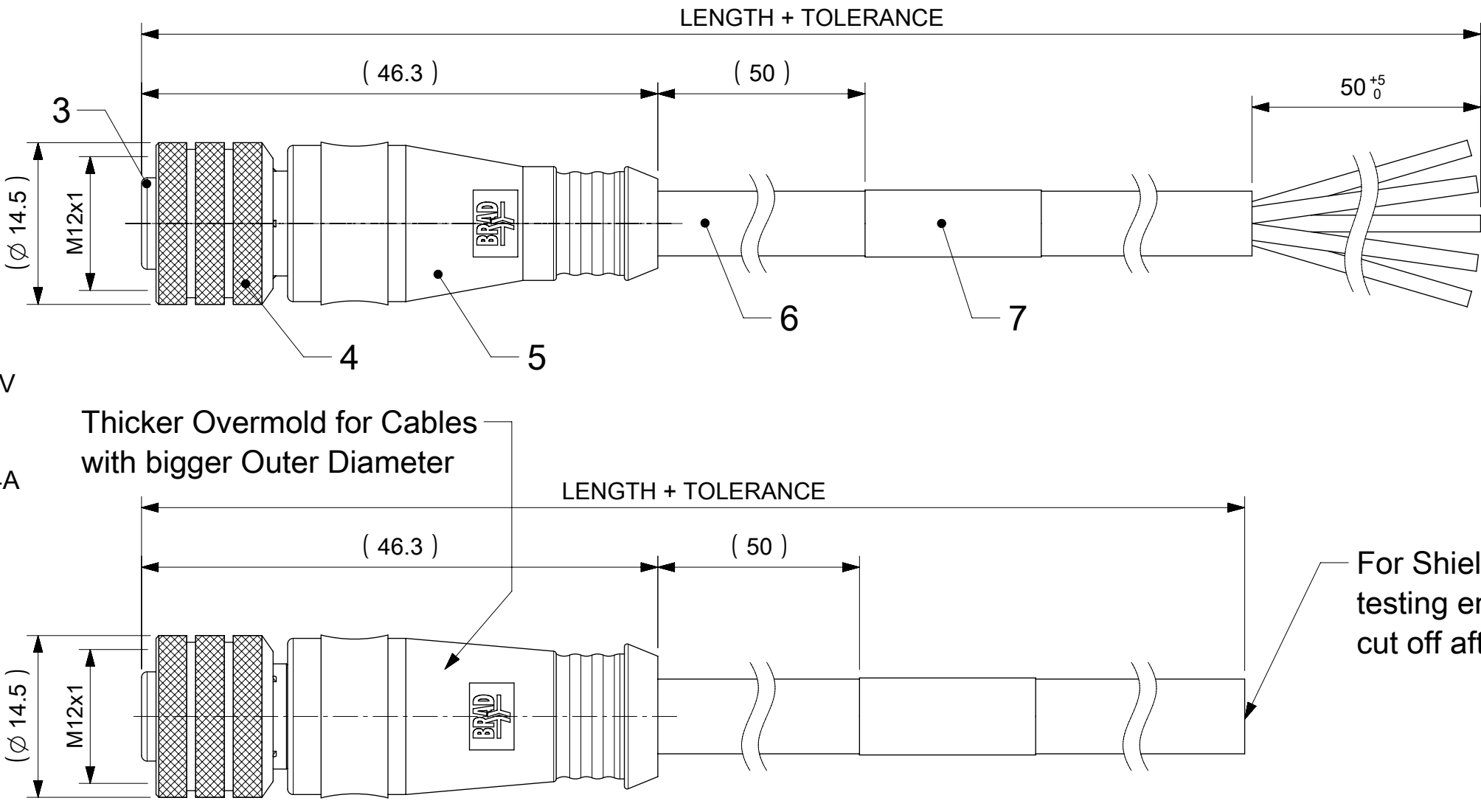
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111	1200658064	804000P03M010		1m
112	1200658081	805000E03M200		20m
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114	1200658172	805000H09M020		2m
115	1200658173	805000H09M050		5m
116	1200658174	805000H09M100		10m
117	1200658175	803000H09M020		2m
118	1200658176	803000H09M050		5m
119	1200658177	803000H09M100		10m
120	1200658178	804000H09M020		2m
121	1200658179	804000H09M050		5m
122	1200658190	804000H09M100		10m
124	1200658197	805000P03M010		1m
125	1200658208	805000E03M0061	*	0.6m
126	1200658210	805000E03M0501	*	5m
127	1200658219	803000E03M0201	*	2m
128	1200658224	808000E02M050		5m
129	1200658228	804000E03M3001	*	30m
130	1200658244	808000H08M050		5m
131	1200658264	808000H08M100		10m
133	1200658277	808000E02M020		2m
134	1200658278	808000E02M100		10m
135	1200658288	804000E03M050G		5m
136	1200658309	808000E02M0501		5m
137	1200658321	804000P03M005		0.5m
138	1200658331	805000E03M050H		5m
139	1200658350	803000E03M1001	*	10m

<u>NOTES:</u> * - Part No. with Yellow PVC overmolding ** - Part No. with Black PVC overmolding	<table border="1"> <tr> <td data-bbox="1825 1587 1902 1591">FUNCTIONAL SYMBOLS</td><td colspan="3" data-bbox="1902 1587 2878 1591">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr> <tr> <td data-bbox="1825 1591 1902 1598">VEZ</td><td data-bbox="1902 1591 2018 1598">mm</td><td data-bbox="2018 1591 2089 1598">SCALE</td><td data-bbox="2089 1591 2878 1598">CURRENT REV DESC: NEW PN ADDED</td></tr> <tr> <td data-bbox="1825 1598 1902 1606"></td><td data-bbox="1902 1598 2018 1606"></td><td data-bbox="2018 1598 2089 1606"></td><td data-bbox="2089 1598 2878 1606"> </td></tr> </table>	FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			VEZ	mm	SCALE	CURRENT REV DESC: NEW PN ADDED				
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
VEZ	mm	SCALE	CURRENT REV DESC: NEW PN ADDED										

FUNCTIONAL SYMBOLS F = 0 F = 0 F = 0 DIVISIONAL 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 PN ADDED EC NO: 682469 DRWN: RSILLER2021/10/22 CHK'D: THAERDT2021/10/26 APPR: THAERDT2021/10/26 INITIAL REVISION: DRWN: JMARSZALEK2016/01/11 APPR: RSILLER2016/04/08								molex CSE M12 XP AC FE STR XM SE UNSH														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																														
	ANGULAR TOL ± 1.0 °																														
	4 PLACES				±												PRODUCT CUSTOMER DRAWING														
	3 PLACES				±																										
	2 PLACES				± 0.05																										
	1 PLACE				± 0.3																										
	0 PLACES				± 0.5				DOCUMENT NUMBER								DOC TYPE		DOC PART		REVISION										
	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				3 OF 4			

FEMALE 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



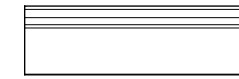
CONTACTS POSITION FRONT VIEW:

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 OR YELLOW/GREEN	4	BLACK	4	BLACK	4	YELLOW
5	---	5	---	5	GREY OR YELLOW/GREEN	5	GREY
						6	PINK
						7	BLUE
						8	RED
CODING REQUIRED TO IEC 61076-2-101							
DOCUMENT STATUS	P1	RELEASE DATE	2021/06/02	05:45:21			

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

7	1	LABEL YELLOW	VINYL	---			
	-	PRINTING FOR CABLES lxx	---	---			
6	-	CABLE	SEE SHEET 2	---			
5	-	OVERMOLDING BLACK	TPU	---			
4	1	COUPLING NUT FEMALE	BRASS	NICKEL			
3	1	INSERT FEMALE BLACK	PUR	---			
2	1	ORING RED	FPM	---			
1	3 / 4 / 5 / 8	CONTACT M12 FEMALE	BRASS	SELECTIVE Au OVER Ni			
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH			
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: OBSOLETE PART NUMBERS AS PER PCN#506884					
mm	2:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)		molex CSE M12 XP AC FE STR XM SE UNSH					
ANGULAR TOL ± 1.0 °							
4 PLACES	±	EC NO: 662770 DRWN: SUGEEB 2021/02/22 CHK'D: GGA 2021/06/02 APPR: GGA 2021/06/02					
3 PLACES	±						
2 PLACES	± 0.05						
1 PLACE	± 0.3	INITIAL REVISION: DRWN: JMARSZALEK 2016/01/12 APPR: RSILLER 2016/04/08					
0 PLACES	± 0.5						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
		A3-SIZE	120065	1200658605	PSD	000	A5
		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
		SEE SHEETS 3,4		GENERAL MARKET		1 OF 4	

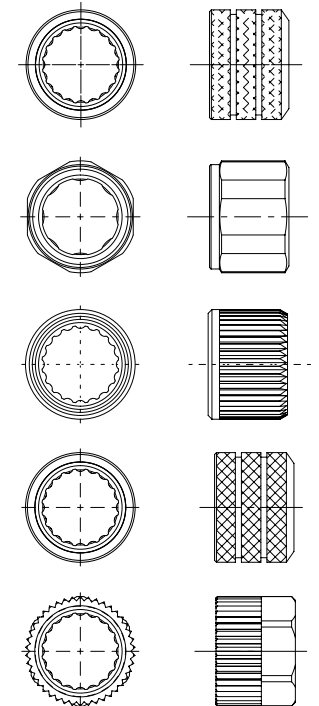
ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).



OPTIONS

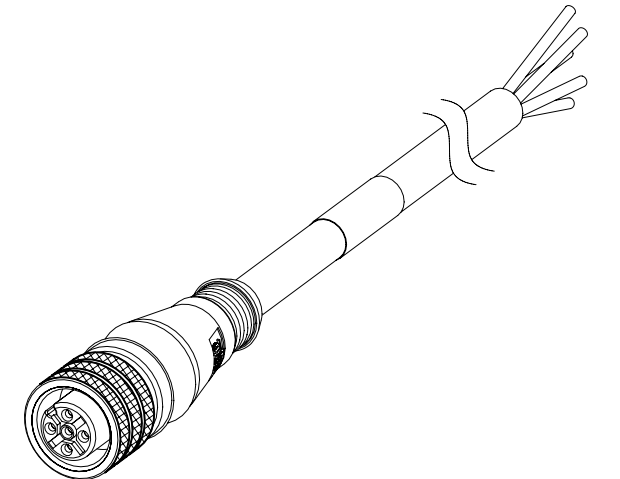
H= 2 pcs. of I/D Carrier ———
PVC Transparent
(Cables 1xx & P82 always
with 2 pcs. of I/D Carrier
even if no H in
Engineering No.)

COUPLING NUTS



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

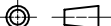
CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
E13	3	18AWG	PVC YELLOW	UL 2661/1731	I/II A/B 80°C/300V	-	-	-	-
E52	3 / 4 / 8	0.34mm²	PVC GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
E63	5	0.34mm²	PVC GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	YES
H12	4	0.50mm²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-50°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000, Temp max 60°C	-
H69	4	0.20mm²	PUR GREY LS0H	-	-	-	-	-	-
I02	3 / 4 / 8	0.25mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
I03	3 / 4 / 5	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
I04	4	0.50mm²	PVC CEI GREY	-	-	-25°C to +70°C	-5°C to +70°C	-	-
I20	3 / 4	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	YES
I26	5	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
K03	4 / 5	0.34mm²	TPE YELLOW	UL JEC 60332-1 or PLCT	I/II 90°C/300V	-	-	-	-
K05	3 / 4 / 5	0.34mm²	TPE YELLOW	UL ITC E195601 or PLC	I/II A/B 90°C/300V	-	-	-	-
P04	4	0.50mm²	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-	-
P12	3 / 5	0.50mm²	PUR BLACK	-	-	-30°C to +90°C	-5°C to +90°C	-	-
P19	8	0.25mm²	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	2 000 000 cycles, 15xO.D.	YES
P20	3 / 4 / 5	0.34mm²	PUR BLACK LS0H	-	-	-30°C to +80°C	-	-	YES
P82	3 / 4 / 5	0.34mm²	PUR IRR ORANGE	-	-	-50°C to +105°C, 5xO.D.	-40°C to +105°C, 7.5xO.D.	-	-
S19	8	0.25mm²	PVC YELLOW	UL 2661/1569	C22.2 II A 105°C/300V	-30°C to +105°C, 10xO.D.	-15°C to +105°C, 15xO.D.	-	YES
S20	3 / 4 / 5	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES
S26	5	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES



SCALE 1:1

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
DIMENSION UNITS mm	SCALE 1:1	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884			molex			
GENERAL TOLERANCES (UNLESS SPECIFIED)					CSE M12 XP AC FE STR XM SE UNSH			
ANGULAR TOL ± 1.0°					PRODUCT CUSTOMER DRAWING			
4 PLACES ±								
3 PLACES ±								
2 PLACES ± 0.05		EC NO: 662770 DRWN: SUGEEB 2021/02/22 CHK'D: GGA 2021/06/02 APPR: GGA 2021/06/02			DOCUMENT NUMBER 1200658605 DOC TYPE PSD DOC PART 000 REVISION A5			
1 PLACE ± 0.3								
0 PLACES ± 0.5								
INITIAL REVISION: DRWN: JMARSZALEK 2016/01/12 APPR: RSILLER 2016/04/08		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 120065	MATERIAL NUMBER SEE SHEETS 3, 4	CUSTOMER GENERAL MARKET	SHEET NUMBER 2 OF 4
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

10	9	8	7	6	5	4	3	2	1		
PART LIST											
No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length
1	1200060017	804000I03M050	5m	36	1200061955	804000I03M200A	20m	71	1200063684	804000S20M2001	✱ 20m
2	1200060030	803000I03M050	5m	37	1200061956	804000I03M300A	30m	72	1200063819	804000E52K0011A	100m
3	1200060033	804000I03M100	10m	38	1200061957	804000I03M400A	40m	73	1200063824	805000I03M050G	5m
4	1200060035	804000P82M0507	5m	39	1200061970	804000I03M100A	10m	74	1200063859	804000S20M0501	✱ 5m
5	1200060036	804000P82M1007	10m	40	1200062003	805000I03M050	5m	75	1200063913	805000P20M003	0.3m
6	1200060145	803000I03M020	2m	41	1200062037	804000S20M050H	5m	76	1200063993	804000S20M200	20m
7	1200060148	803000I03M100	10m	42	1200062040	804000S20M030H	3m	77	1200064044	804000P82M020	2m
8	1200060166	803000S20M010	1m	43	1200062049	808000E52M050	5m	78	1200064072	804000P82M006	0.6m
9	1200060167	803000S20M020	2m	44	1200062094	803000H69M050	5m	79	1200064073	803000P82M0107	1m
10	1200060168	803000S20M030	3m	45	1200062254	804000P82M0207	2m	80	1200064161	804000I20M100	10m
11	1200060170	803000S20M050	5m	46	1200062268	804000S20M020H	2m	81	1200064164	804000I20M020	2m
12	1200060171	803000S20M100	10m	47	1200062363	804000S20M100H	10m	82	1200064230	804000I03M080	8m
13	1200060173	803000S20M150	15m	48	1200062364	804000P04M020G	2m	83	1200064254	804000E52M010A	1m
14	1200060436	804000E52M200A	20m	49	1200062454	803000P82M0067	0.6m	84	1200064256	803000P82M0207	2m
15	1200060452	804000I03M020	2m	50	1200062496	804000S20M010H	1m	85	1200064445	805000P12M023	2.3m
16	1200060454	804000I03M030	3m	51	1200062604	804000P20M100	10m	86	1200064490	804000P20M020	2m
17	1200060466	804000P82M030	3m	52	1200062656	804000P20M030	3m	87	1200065005	805000P82M0207	2m
18	1200060467	804000P82M050	5m	53	1200062657	804000P20M050	5m	88	1200651108	803000K05M020	2m
19	1200060468	804000P82M100	10m	54	1200062675	808000P19M030	3m	89	1200651110	803000K05M050	5m
20	1200060469	804000S20M010	1m	55	1200062676	808000P19M050	5m	90	1200651121	804000K05M020	2m
21	1200060470	804000S20M020	2m	56	1200062754	803000P82M0047	0.4m	91	1200651124	804000K05M050	5m
22	1200060471	804000S20M0201	✱ 2m	57	1200062765	808000P19M020	2m	92	1200651126	804000K05M100	10m
23	1200060472	804000S20M030	3m	58	1200062858	805000P12M100	10m	93	1200651767	803000E52M050A	5m
24	1200060474	804000S20M050	5m	59	1200062869	804000P20M150	15m	94	1200651778	804000E52M050A	5m
25	1200060476	804000S20M100	10m	60	1200062969	805000I26M100	10m	95	1200651857	804000E52M100A	10m
26	1200060478	804000S20M150	15m	61	1200063017	804000P04M0083	0.8m	96	1200652019	808000P19M100	10m
27	1200060644	805000I03M030	3m	62	1200063035	805000P20M100	10m	97	1200655003	805000S26M050	5m
28	1200060645	805000I03M100	10m	63	1200063041	805000P12M0033	0.3m	98	1200655009	805000S26M100	10m
29	1200060715	805000P82M050	5m	64	1200063114	804000P04M0163	1.6m	99	1200655010	804000S20M150H	15m
30	1200061240	803000P82M0507	5m	65	1200063141	803000P12M0033	0.3m	100	1200655025	805000I03M100G	10m
31	1200061559	803000I20M100	10m	66	1200063182	804000S20M0501H	5m	101	1200655074	808000P19M060	6m
32	1200061620	804000E52M3001A	30m	67	1200063205	804000I03M060	6m	102	1200656198	808000S19M010	1m
33	1200061680	804000H69M050	5m	68	1200063409	804000S20M1001	✱ 10m	103	1200656199	808000S19M020	2m
34	1200061727	805000I26M050	5m	69	1200063562	804000I04M030	3m	104	1200656200	808000S19M030	3m
35	1200061936	805000E63M050A	5m	70	1200063569	803000S20M003	0.3m	105	1200656201	808000S19M050	5m
NOTES:											
✱ - Part No. with Yellow PVC overmolding											
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: OBSOLETED PART NUMBERS		molex					
mm		1:1		AS PER PCN#506884							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 662770 DRWN: SUGEEB CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: JMARSZALEK APPR: RSILLER				CSE M12 XP AC FE STR XM SE UNSH			
ANGULAR TOL		± 1.0 °						PRODUCT CUSTOMER DRAWING			
4 PLACES		±						DOCUMENT NUMBER			
3 PLACES		±						2021/02/22			
2 PLACES		± 0.05						2021/06/02			
1 PLACE		± 0.3						2016/01/12			
0 PLACES		± 0.5						2016/04/08			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES			
						A3-SIZE		120065			
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
				SEE PART LIST		GENERAL MARKET		3 OF 4			
DOCUMENT STATUS		P1	RELEASE DATE	2021/06/02	05:45:21						
FORMAT: master-b-prod-A3 REVISION: J DATE: 2020/01/14		9	8	7	6	5	4	3	2	1	

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	Pos.	Part No.	Engineering No.	Cable Length					
	141	1200658972	808000S19M100	10m	176	1200651122	804000K05M030	3m	211				246								
	142	1200659026	805000P82M1007	10m	177	1200651367	805000K03M020	2m	212				247								
	143	1200659049	805000P20M050	5m	178	1200651370	805000K03M050	5m	213				248								
	144	1200659060	804000I03M050Y	5m	179	1200651373	805000K03M100	10m	214				249								
E	145	1200659064	803000I03M050Y	5m	180				215				250								
	146	1200659065	804000I03M100Y	10m	181				216				251								
	147	1200659066	804000P82M0507Y	5m	182				217				252								
	148	1200659067	804000P82M1007Y	10m	183				218				253								
	149	1200659075	804000I03M020Y	2m	184				219				254								
D	150	1200659085	805000I03M050Y	5m	185				220				255								
	151	1200659087	804000P82M0207Y	2m	186				221				256								
	152	1200659090	805000I26M100Y	10m	187				222				257								
	153	1200659113	804000H12M050	5m	188				223				258								
	154	1200659116	805000I26M050Y	5m	189				224				259								
C	155	1200659119	803000I03M020Y	2m	190				225				260								
	156	1200659175	808000S19M200H	20m	191				226				261								
	157	1200659177	804000I03M030Y	3m	192				227				262								
	158	1200659183	808000S19M150H	15m	193				228				263								
	159	1200659271	804000H12M100	10m	194				229				264								
B	160	1200659371	805000I03M100Y	10m	195				230				265								
	161	1200659376	804000S20M350	35m	196				231				266								
	162	1200659390	803000S20M070	7m	197				232				267								

No.	Part No.	Engineering No.	Cable Length
176	1200651122	804000K05M030	3m
177	1200651367	805000K03M020	2m
178	1200651370	805000K03M050	5m
179	1200651373	805000K03M100	10m
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Pos.	Part No.	Engineering No.	Cable Length
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