

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 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

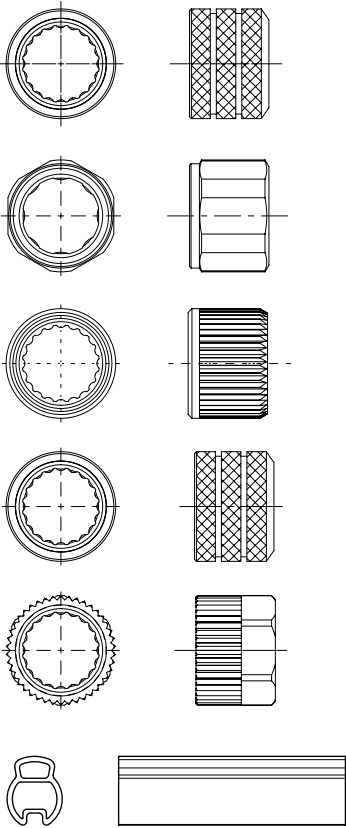
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

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

COUPLING NUTS

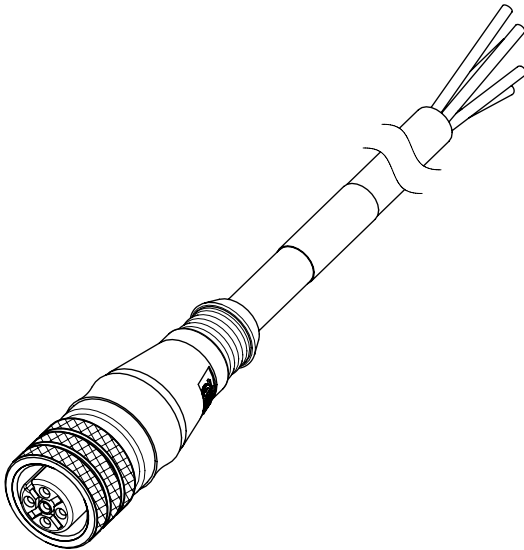


CABLE INFORMATION (for more information see Cable Data Sheet).

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.	-	-

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

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 ADD TO DRAWING			molex						
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 1.0 °													
EC NO: 726420													
4 PLACES		±		DRWN: RSILLER		2022/10/28		CSE M12 XP AC FE STR XM SE UNSH					
3 PLACES		±		CHK'D: THAERDT		2022/10/28		PRODUCT CUSTOMER DRAWING					
2 PLACES		± 0.05		APPR: THAERDT		2022/10/28							
1 PLACE		± 0.3		INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES		± 0.5		DRWN: JMARSZALEK		2016/01/11		1200651978		PSD	000	A11	
				APPR: RSILLER		2016/04/08							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
						A3-SIZE		120065				GENERAL MARKET	

DOCUMENT STATUS	P1	RELEASE DATE	2022/10/28	12:26:20
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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	1200060001	803000E03M020	2m	36	1200060458	804000P03M0501	5m	71	1200063673	803000P03M1001	10m
2	1200060002	803000E03M050	5m	37	1200060461	804000P03M200	20m	72	1200063779	805000E03M300	30m
3	1200060003	803000E03M100	10m	38	1200060634	805000E03M020	2m	73	1200063940	804000P03M0051	0.5m
4	1200060004	803000P03M020	2m	39	1200060638	805000E03M100	10m	74	1200064033	804000P03M120	12m
5	1200060005	803000P03M050	5m	40	1200060646	805000P03M003	0.3m	75	1200064093	803000P03M032	3.2m
6	1200060006	803000P03M100	10m	41	1200060647	805000P03M020	2m	76	1200064292	805000P03M200	20m
7	1200060014	804000E03M020	2m	42	1200060649	805000P03M100	10m	79	1200064422	804000E03M120	12m
8	1200060015	804000E03M050	5m	43	1200061337	804000E03M0205	2m	80	1200064434	804000H09M050G	5m
9	1200060016	804000E03M100	10m	44	1200061431	805000P03M150	15m	81	1200065004	805000P03M0201	2m
10	1200060018	804000P03M020	2m	45	1200061528	804000E03M250	25m	82	1200065006	804000H09M250G	25m
11	1200060019	804000P03M050	5m	46	1200061765	803000P03M002	0.2m	83	1200065012	803000P03M030G	3m
12	1200060027	803000E03M006	0.6m	47	1200061785	804000P03M006	0.6m	84	1200650951	808000P02M020	2m
13	1200060032	804000E03M005	0.5m	48	1200061913	804000E03M300	30m	85	1200650952	808000P02M040	4m
14	1200060034	804000P03M025	2.5m	49	1200061958	803000E03M021	2.1m	86	1200650953	808000P02M050	5m
15	1200060107	803000E03M003	0.3m	50	1200062071	803000E03M060	6m	87	1200650954	808000P02M060	6m
16	1200060113	803000E03M030	3m	51	1200062098	803000P03M006	0.6m	88	1200650955	808000P02M080	8m
18	1200060116	803000E03M0505	5m	52	1200062130	804000E03M050H	5m	89	1200650956	808000P02M0801	8m
19	1200060117	803000E03M1005	10m	53	1200062167	804000P03M100H	10m	90	1200650957	808000P02M100	10m
20	1200060119	803000E03M150	15m	54	1200062264	804000E03M1505	15m	91	1200651769	803000P03M050G	5m
21	1200060121	803000E03M200	20m	55	1200062347	804000P03M050H	5m	92	1200651780	804000P03M050G	5m
22	1200060124	803000E03M2505	25m	56	1200062521	805000P03M030	3m	93	1200651782	804000P03M100	10m
23	1200060152	803000P03M010	1m	57	1200062772	803000P03M250	25m	94	1200651792	805000P03M050	5m
24	1200060153	803000P03M030	3m	58	1200062811	803000P03M100H	10m	95	1200651794	808000P02M010	1m
25	1200060157	803000P03M150	15m	59	1200062853	804000P03M150	15m	96	1200651795	808000P02M070	7m
26	1200060158	803000P03M200	20m	60	1200062866	804000E03M020H	2m	97	1200651817	808000P02M200	20m
27	1200060426	804000E03M010	1m	61	1200062992	804000E03M200H	20m	98	1200651818	808000P02M250	25m
28	1200060427	804000E03M0201	**	62	1200063121	804000P03M0053	0.5m	99	1200651820	808000P02M300	30m
29	1200060428	804000E03M030		63	1200063224	804000E03M003	0.3m	100	1200651978	805000E03M050	5m
30	1200060429	804000E03M0501	*	65	1200063314	805000E03M010	1m	101	1200652143	804000P03M040	4m
31	1200060430	804000E03M0505	5m	66	1200063402	804000P03M003	0.3m	102	1200652144	804000P03M060	6m
32	1200060431	804000E03M150	15m	67	1200063407	804000E03M1001	*	103	1200652154	805000P03M060	6m
33	1200060432	804000E03M200	20m	68	1200063415	803000P03M0707	7m	104	1200655073	808000P02M003	0.3m
34	1200060456	804000P03M0201	2m	69	1200063443	804000E03M030H	3m	105	1200655081	805000E03M150	15m
35	1200060457	804000P03M030	3m	70	1200063647	804000E03M2001	20m				

NOTES:

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 - Part No. with Yellow PVC overmolding

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 - Part No. with Black PVC overmolding

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DIMENSION UNITS

SCALE

mm

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

THIRD ANGLE PROJECTION

DRAWING

SERIES

A3-SIZE

120065

CURRENT REV DESC: NEW PN ADD TO DRAWING

EC NO: 726420

DRWN: RSILLER

CHK'D: THAERDT

APPR: THAERDT

2022/10/28

2022/10/28

2022/10/28

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: RSILLER

2016/01/11

2016/04/08

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

1200651978

PSD

000

A11

DOCUMENT STATUS

P1

RELEASE DATE

2022/10/28

12:26:20

9

8

7

6

5

4

3

2

1

FORMAT: master-lb-prod-A3

REVISION: J1

DATE: 2021/05/01

No.	Part No.	Engineering No.	Cable Length
246	1200659552	808000P02M050H	5m
247	1200659553	808000P02M100H	10m
248	1200659554	808000P02M150H	15m
249	1200659584	803000H09M003	0.3m
250	1200659594	805000P03M300H	30m
251	1200659595	805000P03M350H	35m
252	1200659613	808000E02M300	30m
253	1200659786	804000E02M041	4.1m
254	1200659790	804000E02M020	2m
255	1200659538	808000E02M100	10m
256	1200656061	803000E02M010	1m
257	1200656303	805000E03M050Y	5m
258	1200656436	804000P03M0601	6m
259	1200656766	808000P02M350	35m
260	1200656767	808000P02M400	40m
261	1200657197	803000E03M005	0.5m
262	1200657198	803000E03M015	1.5m
263	1200657129	804000P03M400	40m
264	1200657130	804000P03M500	50m
265	1200657131	804000E03M006	0.6m
266	1200657132	804000E03M008	0.8m
267	1200657133	804000E03M015	1.5m
268	1200657134	804000E03M024	2.4m
269	1200657135	804000E03M070	7m
270	1200657136	804000E03M080	8m
271	1200657137	804000E03M090	9m
272	1200657138	804000E03M180	18m
273	1200657139	804000E03M350	35m
274	1200657140	804000E03M400	40m
275	1200657141	804000E03M450	45m
276	1200657142	804000E03M500	50m
277	1200657143	804000E03M550	55m
278	1200657180	805000E03M070	7m
279	1200657264	805000H09M500	50m
280	1200657306	805000H09M100H	10m

9	8	7	6	5	4	3	2	1
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