

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

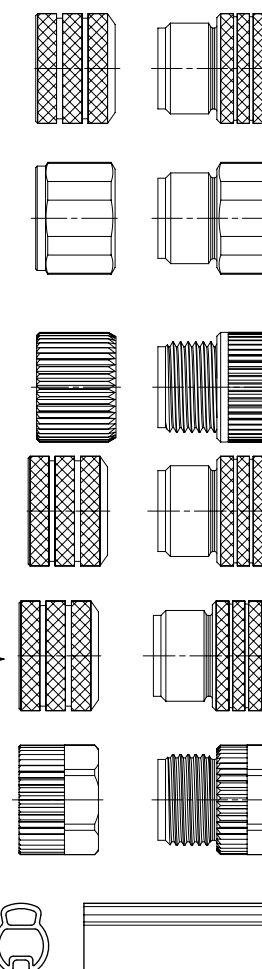
OPTIONS

Overmold color:
Blank (Standard)=Black TPU
Blank=Yellow PVC for cables
A09, S19, S20, S26
Blank=Yellow TPE-E for cables
K03, K05
A=Grey / G=Black / Y=Yellow

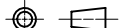
Coupling Nut:
Blank (Standard)=Knurled Brass Ni Plated _____
1=Hexagonal Stainless steel _____
5=Knurled Derlin _____
7=Knurled Brass Ni Plated, Teflon Coated _____
Blank=7 for cables I20, I26, K03, K05, P82, S26
8=Type 316 stainless steel _____
9=Knurled / Hexagonal Brass Ni Plated SW13 _____

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

COUPLING NUT
FEMALE MALE



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

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)										
ANGULAR TOL ± 1.0°						CSE M12 XP AC FE STR MA STR XM DE				
4 PLACES ±										
3 PLACES ±				EC NO: 662770 DRWN: SUGEEB 2021/02/23 CHK'D: GGA 2021/06/02 APPR: GGA 2021/06/02		PRODUCT CUSTOMER DRAWING				
2 PLACES ± 0.05										
1 PLACE ± 0.3				INITIAL REVISION: DRWN: JMARSZALEK 2016/09/19 APPR: RSILLER 2016/12/08		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES ± 0.5						1200668165		PSD	000	A4
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				A3-SIZE	120066	SEE TABLE		GENERAL MARKET		2 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2021/06/02	05:45:39
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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
A09	4	22AWG	PVC YELLOW	UL 2661	I/II A/B 80°C/300V	-	-	-	-
B02	4	18AWG	PUR YELLOW	UL 20549	I/II A/B 80°C/300V	-	-	-	-
E52	3 / 4	0.34mm²	PVC GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
E57	5	0.34mm²	PVC GREY	-	-	-	-5°C to +70°C	-	-
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	-	-
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	-	YES
K03	4 / 5	18AWG	TPE YELLOW	UL ITC or PLC	I/II A/B 90°C/300V	max 105°C	-	-	-
K05	3 / 4 / 5	22AWG	TPE YELLOW	UL ITC or PLTC	I/II A/B 90°C/300V	max 105°C	-	-	-
P04	4	0.50mm²	PUR BLACK	-	-	-40°C to +90°C, >7.5xO.D.	-15°C to +90°C, >12.5xO.D.	-	-
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

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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETED PART NUMBERS AS PER PCN#506884			molex CSE M12 XP AC FE STR MA STR XM DE PRODUCT CUSTOMER DRAWING					
mm		1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 662770 DRWN: SUGEEB CHK'D: GGA APPR: GGA						2021/02/23 2021/06/02 2021/06/02		
ANGULAR TOL		± 1.0 °										
4 PLACES		±										
3 PLACES		±										
2 PLACES		± 0.05										
1 PLACE		± 0.3		INITIAL REVISION: DRWN: JMARSZALEK APPR: RSILLER			2016/09/19 2016/12/08					
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	120066	1200668165		PSD	000	A4
						SEE TABLE	GENERAL MARKET	3 OF 5				

PART LIST

No.	Part No.	Engineering No.	Cable Length
1	1200070023	884030S20M060H	6m
2	1200070095	883030I03M003	0.3m
3	1200070096	883030I03M006	0.6m
4	1200070097	883030I03M010	1m
5	1200070098	883030I03M020	2m
6	1200070099	883030I03M030	3m
7	1200070100	883030I03M050	5m
8	1200070101	883030I03M100	10m
9	1200070110	883030S20M010	1m
10	1200070111	883030S20M020	2m
11	1200070480	884030I03M010	1m
12	1200070481	884030I03M020	2m
13	1200070483	884030I03M050	5m
14	1200070484	884030I03M060	6m
15	1200070485	884030I03M100	10m
16	1200070494	884030P82M0057	0.5m
17	1200070499	884030S20M020	2m
18	1200070500	884030S20M030	3m
19	1200070502	884030S20M050	5m
20	1200070504	884030S20M100	10m
21	1200070597	885030S26M010	1m
22	1200070653	884030E52M200A	20m
23	1200070774	884030I03M006	0.6m
24	1200070785	884030I03M030	3m
25	1200070798	884030P82M010	1m
26	1200070799	884030P82M020	2m
27	1200070867	884030E52M100A	10m
28	1200070890	885030I26M010	1m
29	1200070891	885030I26M020	2m
30	1200070892	885030I26M030	3m
31	1200070937	884030P82M100	10m
32	1200070956	883030E52M020A	2m
33	1200070961	885030I03M030	3m
34	1200071026	884030E52M010A	1m
35	1200071035	884030S20M010H	1m
36	1200071066	884030P82M0067	0.6m
37	1200071067	884030P82M0037	0.3m
38	1200071068	884030P82M0107	1m
39	1200071069	884030P82M0157	1.5m
40	1200071088	884030P82M0207	2m
41	1200071137	884030S20M030H	3m
42	1200071141	884030S20M020H	2m
43	1200071161	884030S20M100H	10m
44	1200071162	884030P82M006	0.6m
45	1200071178	884030S20M006H	0.6m
46	1200071188	884030S20M050H	5m
47	1200071237	884030S20M005H	0.5m

No.	Part No.	Engineering No.	Cable Length
48	1200071238	884030S20M015H	1.5m
49	1200071254	884030P82M050	5m
50	1200071264	884030S20M040H	4m
51	1200071272	884030S20M005	0.5m
52	1200071279	885030I26M050	5m
53	1200071338	884030I20M030	3m
54	1200071343	883030E52M003A	0.3m
55	1200071428	884030P82M0407	4m
56	1200071501	884030P82M003	0.3m
57	1200071580	884030P82M030	3m
58	1200071582	884030P82M015	1.5m
59	1200071624	884030E52M030A	3m
60	1200071627	884030I03M0205	2m
61	1200071647	884030P82M0307	3m
62	1200072106	885030I26M005	0.5m
63	1200072359	885030I26M015	1.5m
64	1200072601	884030P82M0201	2m
65	1200660271	884030A09M020	2m
66	1200660273	884030A09M0208	2m
67	1200660277	884030A09M030	3m
68	1200660286	884030A09M0508	5m
69	1200660291	884030A09M070	7m
70	1200660683	884030K05M003	0.3m
71	1200660684	884030K05M005	0.5m
72	1200660686	884030K05M006	0.6m
73	1200660687	884030K05M010	1m
74	1200660688	884030K05M015	1.5m
75	1200660689	884030K05M020	2m
76	1200660690	884030K05M030	3m
77	1200660691	884030K05M040	4m
78	1200660692		

9	8	7	6	5	4	3	2	1
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PART LIST

No.	Part No.	Engineering No.	Cable Length
171	1200668735	884030P82M0707Y	7m
172	1200668736	885030I26M015Y	1.5m
173	1200668773	885030P82M0107	1m
174	1200668873	885030I26M050Y	5m
175	1200669113	884030A09M0308	3m
176	1200669118	884030P82M0307Y	3m
177	1200669149	883030I03M010Y	1m
178	1200669218	885030I03M100Y	10m
179	1200669227	884030K05M500	50m
180	1200669228	884030K05M600	60m
181	1200718014	884030P82M0607	6m
182	1200660166	883030A09M010	1m
183	1200660261	884030A09M005	0.5m
184	1200660262	884030A09M006	0.6m
185	1200660266	884030A09M010	1m
186	1200660269	884030A09M015	1.5m
187	1200660294	884030A09M080	8m
188	1200660299	884030A09M1008	10m
189	1200660434	885030A09M050	5m
190	1200661037	885030K03M040	4m
191	1200661039	885030K03M060	6m
192	1200661041	885030K03M080	8m
193	1200661684	885030K03M300	30m
194	1200661686	885030K03M180	18m
195	1200661687	885030K03M230	23m
196	1200668081	885030E57M100A	10m

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DIMENSION UNITS

mm

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: OBSOLETE PART NUMBERS
AS PER PCN#506884

EC NO: 662770
DRWN: SUGEEB
CHK'D: GGA
APPR: GGA

2021/02/23
2021/06/02
2021/06/02

INITIAL REVISION:
DRWN: JMARSZALEK
APPR: RSILLER

2016/09/19
2016/12/08

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

A3-SIZE

120066

DOCUMENT NUMBER

1200668165

DOC TYPE

PSD

DOC PART

000

REVISION

A4

SEE TABLE

GENERAL MARKET

5 OF 5

DOCUMENT STATUS

P1

RELEASE DATE

2021/06/02 05:45:39

FORMAT: master-bb-prod-A3
REVISION: J
DATE: 2020/01/14

9

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