

ENGINEERING NO. - NUMERICAL CODE

(Available parts see PART LIST table. Other parts available upon request).

OPTIONS

4

0

X

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0

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X

X

X

X

X

X

X

X

40=Nano-Change
M8x1
Double ended

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

Heads style:
000=Plug Female Straight

Cable type: See Table

Units:
M=Meter
C=Centimeter

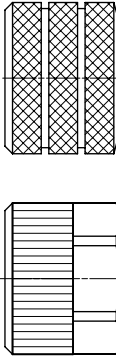
Length
Examples:
005=0.5 unit
010=1 unit
100=10 unit

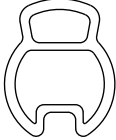
Overmold color:
Blank (Standard) = Black
A = Grey / G = Black / Y = Yellow
For cables K03, K05, A09, S19,
S20, S26 & A10 = Yellow

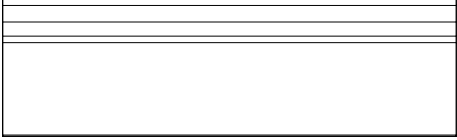
Coupling Nut material:
Blank = Standard
1 = Stainless steel
2 = Nylon
3 = Nickel plated Brass
4 = Valox (polyester)
5 = Delrin
6 = clear anodized alum.
7 = Teflon coat
Blank = 7 for cables: I20, I26, K03, K05, P82, S26
8 = Type 316 stainless steel
9 = Knurled / Hexagonal SW9 Brass Ni Plated

H = 2 pcs. of I/D Carrier PVC Transparent
(Cables Ixx & P82 always with 2 pcs. of
I/D Carrier)

COUPLING NUT
FEMALE







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	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.	-	-
E18	3 / 4	0.20mm²	PVC YELLOW	-	-	-30°C to +70°C	-5°C to +70°C	-	-
E51	4	0.25mm²	PVC GREY	-	-	-	-	-	-
E52	3 / 4 / 8	0.34mm²	PVC GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
E54	3	0.25mm²	PVC GREY	-	-	-25°C to +70°C	-5°C to +70°C	-	-
H08	3 / 4 / 5	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	-
H69	4	0.20mm²	PUR GRAY LS0H	-	-	-	-	-	-
I02	3 / 4	0.25mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
P02	3 / 4 / 5	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.	-	-
P18	4	0.20mm²	PUR YELLOW	-	-	-	-	-	-
P82	3	0.34mm²	PUR IRR ORANGE	-	-	-50°C to +105°C, >5xO.D.	-40°C to +105°C, >7.5xO.D.	-	-
K05	3 / 4 / 5	0.34mm²	TPE YELLOW	UL ITC E195601 or PLC	I/II A/B 90°C/300V	-	-	-	-
L03	3	0.34mm²	Blend PUR ORANGE	-	-	-30°C to +90°C	-5°C to +90°C	-	-
A10	3 / 4 / 5	0.25mm²	PVC YELLOW	UL 2661	I/II A/B 105°C/300V	-	-	-	-

10	9	8	7	6	5	4	3	2	1							
PART LIST																
F	Pos.	Part. No	Engineering No.	Cable Length	Pos.	Part. No	Engineering No.	Cable Length	Pos.	Part. No	Engineering No.	Cable Length	Pos.	Part. No	Engineering No.	Cable Length
	1	1200270066	403000E02M020	2m	36	1200868266	403000E02M045	4.5m	71	1200271409	403000H08M010	1m	106	1200868275	403000P02M002	0.2m
	2	1200270067	403000E02M030	3m	37	1200868267	403000E02M0501	5m	72	1200271442	403000H08M020G	2m	107	1200868276	403000P02M002G	0.2m
	3	1200270068	403000E02M050	5m	38	1200868268	403000E02M060	6m	73	1200868045	403000H08M020	2m	108	1200868277	403000P02M003	0.3m
	4	1200270070	403000E02M100	10m	39	1200868339	404000E02C200	2m	74	1200868053	404000H08M050	5m	109	1200868278	403000P02M003G	0.3m
	5	1200270127	404000E02M020	2m	40	1200868340	404000E02M015	1.5m	75	1200868060	404000H08M030	3m	110	1200868279	403000P02M005	0.5m
	6	1200270129	404000E02M050	5m	41	1200868341	404000E02M0201	2m	76	1200868101	403000H08M050	5m	111	1200868280	403000P02M006	0.6m
	7	1200270131	404000E02M100	10m	42	1200868342	404000E02M040	4m	77	1200868115	403000H08M100	10m	112	1200868281	403000P02M010	1m
	8	1200270132	404000E02M150	15m	43	1200868343	404000E02M0501	5m	78	1200868116	403000H08M200	20m	113	1200868282	403000P02M012	1.2m
	9	1200270133	404000E02M200	20m	44	1200868344	404000E02M080	8m	79	1200868117	404000H08M100	10m	114	1200868283	403000P02M018	1.8m
E	10	1200270400	403000E02M010	1m	45	1200868345	404000E02M110	11m	80	1200868118	404000H08M200	20m	115	1200868284	403000P02M022	2.2m
	11	1200270549	404000E02M010	1m	46	1200868346	404000E02M170	17m	81	1200868122	403000H08M030	3m	116	1200868285	403000P02M030	3m
	12	1200271410	403000E02M012	1.2m	47	1200868347	404000E02M210	21m	82	1200868162	404000H08M040	4m	117	1200868286	403000P02M032	3.2m
	13	1200271417	403000E02M006	0.6m	48	1200868348	404000E02M250	25m	83	1200868207	404000H08M020	2m	118	1200868287	403000P02M035	3.5m
	14	1200271418	403000E02M015	1.5m	49	1200868423	403000E02M1001	10m	84	1200868209	403000H08M015	1.5m	119	1200868288	403000P02M040	4m
	15	1200271419	403000E02M025	2.5m	50	1200868442	403000E02M020Y	2m	85	1200868214	403000H08M005	0.5m	120	1200868289	403000P02M050G	5m
	16	1200271423	404000E02M005	0.5m	51	1200868443	403000E02M050Y	5m	86	1200868215	404000H08M005	0.5m	121	1200868290	403000P02M055	5.5m
	17	1200865038	403000E02M250	25m	52	1200868444	403000E02M100Y	10m	87	1200868395	405000H08M020	2m	122	1200868291	403000P02M080	8m
	18	1200868015	403000E02M200	20m	53	1200868452	404000E02M050Y	5m	88	1200868404	405000H08M050	5m	123	1200868292	403000P02M150	15m
	19	1200868067	404000E0													

Pos.	Part. No	Engineering No.	Cable Length
36	1200868266	403000E02M045	4.5m
37	1200868267	403000E02M0501	5m
38	1200868268	403000E02M060	6m
39	1200868339	404000E02C200	2m
40	1200868340	404000E02M015	1.5m
41	1200868341	404000E02M0201	2m
42	1200868342	404000E02M040	4m
43	1200868343	404000E02M0501	5m
44	1200868344	404000E02M080	8m
45	1200868345	404000E02M110	11m
46	1200868346	404000E02M170	17m
47	1200868347	404000E02M210	21m
48	1200868348	404000E02M250	25m
49	1200868423	403000E02M1001	10m
50	1200868442	403000E02M020Y	2m
51	1200868443	403000E02M050Y	5m
52	1200868444	403000E02M100Y	10m
53	1200868452	404000E02M050Y	5m
54	1200868453	404000E02M100Y	10m
55	1200868454	404000E02M150Y	15m
56	1200868467	403000E02M150Y	15m
57	1200868473	404000E02M1001	10m
58	1200868508	404000E02M050H	5m
59	1200868509	404000E02M100H	10m
60	1200868510	404000E02M150H	15m
61	1200868511	404000E02M030H	3m
62	1200868518	404000E02C230	2.3m
63	1200868571	405000E02M120	12m
64	1200868572	405000E02M030	3m
65	1200868685	403000E02M050H	5m
66	1200868696	404000E02M0509H	5m
67	1200868697	404000E02M1009H	10m
68	1200868698	404000E02M1509H	15m
69	1200868774	404000E02M060	6m
70	1200868776	404000E02M070	7m

Pos.	Part. No	Engineering No.	Cable Length
106	1200868275	403000P02M002	0.2m
107	1200868276	403000P02M002G	0.2m
108	1200868277	403000P02M003	0.3m
109	1200868278	403000P02M003G	0.3m
110	1200868279	403000P02M005	0.5m
111	1200868280	403000P02M006	0.6m
112	1200868281	403000P02M010	1m
113	1200868282	403000P02M012	1.2m
114	1200868283	403000P02M018	1.8m
115	1200868284	403000P02M022	2.2m
116	1200868285	403000P02M030	3m
117	1200868286	403000P02M032	3.2m
118	1200868287	403000P02M035	3.5m
119	1200868288	403000P02M040	4m
120	1200868289	403000P02M050G	5m
121	1200868290	403000P02M055	5.5m
122	1200868291	403000P02M080	8m
123	1200868292	403000P02M150	15m
124	1200868351	404000P02M003	0.3m
125	1200868352	404000P02M030	3m
126	1200868353	404000P02M040	4m
127	1200868354	404000P02M070	7m
128	1200868355	404000P02M500	50m
129	1200868517	403000P02M200	20m
130	1200868530	404000P02M010	1m
131	1200868627	405000P02M050Y	5m
132	1200868773	404000P02M060	6m
133	1200868775	404000P02M200	20m
134	1200860340	403000K05M050	5m
135	1200868431	403000K05M150	15m
136	1200270642	403000L03M005A	0.5m
137	1200270080	403000I02M003	0.3m
138	1200270081	403000I02M020	2m
139	1200270082	403000I02M030	3m
140	1200270083	403000I02M050	5m

DOCUMENT STATUS	P1	RELEASE DATE	2026/08/21	00:33:58
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FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

PART LIST

Pos.	Part. No	Engineering No	Cable Length
141	1200270084	403000I02M100	10m
142	1200270148	404000I02M020	2m
143	1200270149	404000I02M050	5m
144	1200270360	404000I02M100	10m
145	1200860041	404000I02M030	3m
146	1200868269	403000I02M005	0.5m
147	1200868270	403000I02M006	0.6m
148	1200868271	403000I02M010	1m
149	1200868272	403000I02M025	2.5m
150	1200868273	403000I02M150	15m
151	1200868349	404000I02M003	0.3m
152	1200868445	403000I02M030Y	3m
153	1200868446	403000I02M050Y	5m
154	1200868447	403000I02M100Y	10m
155	1200868455	404000I02M020Y	2m
156	1200868456	404000I02M050Y	5m
157	1200868460	404000I02M100Y	10m
158	1200868507	403000I02M020Y	2m
159	1200868566	404000I02M030Y	3m
163	1200868192	403000P82M0207	2m
169	1200271449	403000P18M070	7m
170	1200860102	403000A10M020	2m
171	1200860107	403000A10M050	5m
172	1200860111	403000A10M100	10m
173	1200860112	403000A10M150	15m
174	1200860144	404000A10M020	2m
175	1200860145	404000A10M030	3m

Pos.	Part. No	Engineering No	Cable Length
176	1200860147	404000A10M050	5m
177	1200860155	404000A10M100	10m
178	1200860191	405000A10M020	2m
179	1200270140	404000E18M050	5m
181	1200270606	403000E18M100	10m
182	1200860667	405000P02M200	20m
183	1200868849	405000H08M010	1m
184	1200868857	405000E02M010	1m
185	1200868934	404000H08M050H	5m
186	1200869026	404000H09M005	0.5m
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DOCUMENT STATUS	P1	RELEASE DATE	2026/08/21	00:33:58
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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: REMOVED THE STRIPPING INFORMATION.			<div>molex</div>							
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 863383 DRWN: NIKHIS3 2026/08/13 CHK'D: APAWLAK01 2026/08/17 APPR: HKNEELAND 2026/08/21			M8 SINGLE ENDED FEMALE STRAIGHT									
	ANGULAR TOL ± 1.0°														
	4 PLACES ±														
	3 PLACES ±														
	2 PLACES ± 0.05														
	INITIAL REVISION:		DOCUMENT NUMBER 1200860594			DOC TYPE PSD	DOC PART 000	REVISION A13							
	DRWN: AKONDRACIUK 2017/02/16														
APPR: MIWASIECZUK 2017/11/16															
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 120086		MATERIAL NUMBER SEE PART LIST		CUSTOMER GENERAL MARKET		SHEET NUMBER 4 OF 4	