

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

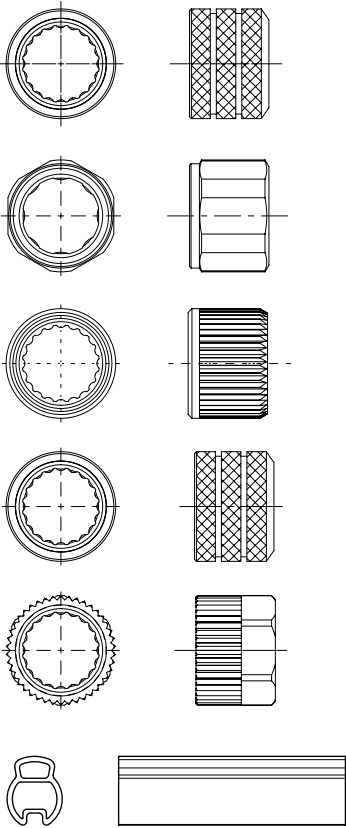
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

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

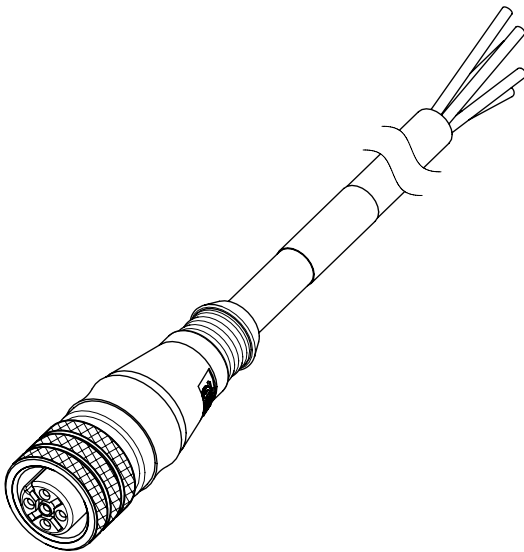


CABLE INFORMATION (for more information see Cable Data Sheet).

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: DRWN: JMARSZALEK 2016/01/11 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		1200651978		PSD	000	A11
								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
										GENERAL MARKET		2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/10/28	12:26:20
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PART LIST

No.	Part No.	Engineering No.	Cable Length
1	1200060001	803000E03M020	2m
2	1200060002	803000E03M050	5m
3	1200060003	803000E03M100	10m
4	1200060004	803000P03M020	2m
5	1200060005	803000P03M050	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
18	1200060116	803000E03M0505	5m
19	1200060117	803000E03M1005	10m
20	1200060119	803000E03M150	15m
21	1200060121	803000E03M200	20m
22	1200060124	803000E03M2505	25m
23	1200060152	803000P03M010	1m
24	1200060153	803000P03M030	3m
25	1200060157	803000P03M150	15m
26	1200060158	803000P03M200	20m
27	1200060426	804000E03M010	1m
28	1200060427	804000E03M0201	** 2m
29	1200060428	804000E03M030	3m
30	1200060429	804000E03M0501	* 5m
31	1200060430	804000E03M0505	5m
32	1200060431	804000E03M150	15m
33	1200060432	804000E03M200	20m
34	1200060456	804000P03M0201	2m
35	1200060457	804000P03M030	3m

No.	Part No.	Engineering No.	Cable Length
36	1200060458	804000P03M0501	5m
37	1200060461	804000P03M200	20m
38	1200060634	805000E03M020	2m
39	1200060638	805000E03M100	10m
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

No.	Part No.	Engineering No.	Cable Length
71	1200063673	803000P03M1001	10m
72	1200063779	805000E03M300	30m
73	1200063940	804000P03M0051	0.5m
74	1200064033	804000P03M120	12m
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

No.	Part No.	Engineering No.	Cable Length
106	1200658008	804000H09M050H	5m
107	1200658009	804000H09M100H	10m
108	1200658020	805000P03M040	4m
109	1200658021	808000P02M150	15m
110	1200658022	808000P02M030	3m
111	1200658064	804000P03M010	1m
112	1200658081	805000E03M200	20m
113	1200658165	805000E03M030	3m
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	120065830		

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142

1200658492

804000P03M100G

10m

143

1200658502

805000E03M005

0.5m

144

1200658503

805000E03M0201

2m

145

1200658511

808000E02M010

1m

146

1200658525

808000P02C350

0.35m

147

1200658545

804000P03M015

1.5m

148

1200658550

804000H09M015

1.5m

149

1200658551

808000E02M1001

10m

150

1200658562

803000E03M010

1m

151

1200658563

803000E03M040

4m

152

1200658570

804000E03M040

4m

153

1200658590

808000E02M030

3m

154

1200658591

808000E02M040

4m

155

1200658592

805000E03M040

4m

156

1200658609

804000P02M020

2m

157

1200658610

803000P03M040

4m

161

1200658632

805000H09M010

1m

162

1200658633

805000H09M015

1.5m

163

1200658634

805000H09M030

3m

164

1200658635

805000H09M040

4m

165

1200658636

803000H09M010

1m

166

1200658637

803000H09M015

1.5m

167

1200658638

803000H09M030

3m

168

1200658639

803000H09M040

4m

169

1200658640

804000H09M010

1m

170

1200658641

804000H09M040

4m

171

1200658642

808000H08M010

1m

172

1200658643

808000H08M015

1.5m

173

1200658644

808000H08M020

2m

174

1200658645

808000H08M030

3m

175

1200658646

808000H08M040

4m

176

1200658780

805000H09M200

20m

177

1200658782

804000E03M060

6m

178

1200658812

808000E02M150

15m

179

1200658813

808000H08M025

2.5m

181

1200658880

804000H09M200

20m

182

1200658882

804000E03M100H

10m

183

1200658887

803000E03M020H

2m

184

1200658889

803000E03M050H

5m

185

1200658891

804000H09M003

0.3m

186

1200658894

804000E03M020G

2m

187

1200658896

804000E03M075

7.5m

188

1200658899

808000H08M250

25m

192

1200658927

804000P02M050

5m

194

1200658930

808000H08M150

15m

196

1200658983

804000E03M002

0.2m

197

1200658984

808000E02M2501

25m

199

1200658991

805000P03M100H

10m

200

1200659038

804000E02M100

10m

201

1200659040

804000E02M050

5m

202

1200659052

808000E02M2001

20m

203

1200659053

808000E02M3001

30m

209

1200659088

804000P03M050HY

5m

210

1200659092

808000P02M050Y

5m

217

1200659123

804000P03M100HY

10m

218

1200659144

805000H09M300

30m

219

1200659187

808000E02M4001

40m

221

1200659200

808000E02M250H

25m

222

1200659207

805000E03C230

0.23m

223

1200659214

805000P03M300

30m

224

1200659256

808000E02M200

20m

225

1200659279

805000E03M007

0.7m

226

1200659280

805000E03M350

35m

227

1200659282

805000P03M005

0.5m

228

1200659283

805000P03M007

0.7m

229

1200659302

804000P03M1005

10m

230

1200659326

805000P03M020H

2m

231

1200659329

805000P03M150H

15m

232

1200659330

805000P03M200H

20m

233

1200659334

808000P02M200H

20m

234

1200659340

804000P03M1501

15m

235

1200659341

804000P03M2501

25m

236

1200659368

805000E03M015

1.5m

237

1200659370

804000P03M020Y

2m

238

1200659387

808000E02M500

50m

239

1200659388

804000P03M012

1.2m

241

1200659397

808000P02M100Y

10m

242

1200659399

808000P02M015

1.5m

243

1200659474

804000P03M250

25m

244

1200659475

804000P03M300

30m

245

1200659509

805000E03M600

60m

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

NOTES:

✱

- Part No. with Yellow PVC overmolding

✱✱

- Part No. with Black PVC overmolding

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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

THIRD ANGLE PROJECTION

DRAWING

SERIES

CURRENT REV DESC: NEW PN ADD TO DRAWING

EC NO: 726420

DRWN: RSILLER

CHK'D: THAERDT

APPR: THAERDT

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: RSILLER

2022/10/28

2022/10/28

2022/10/28

2016/01/11

2016/04/08

DOCUMENT NUMBER

1200651978

DOC TYPE

PSD

DOC PART

000

REVISION

A11

DOCUMENT STATUS

P1

RELEASE DATE

2022/10/28

12:26:20

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