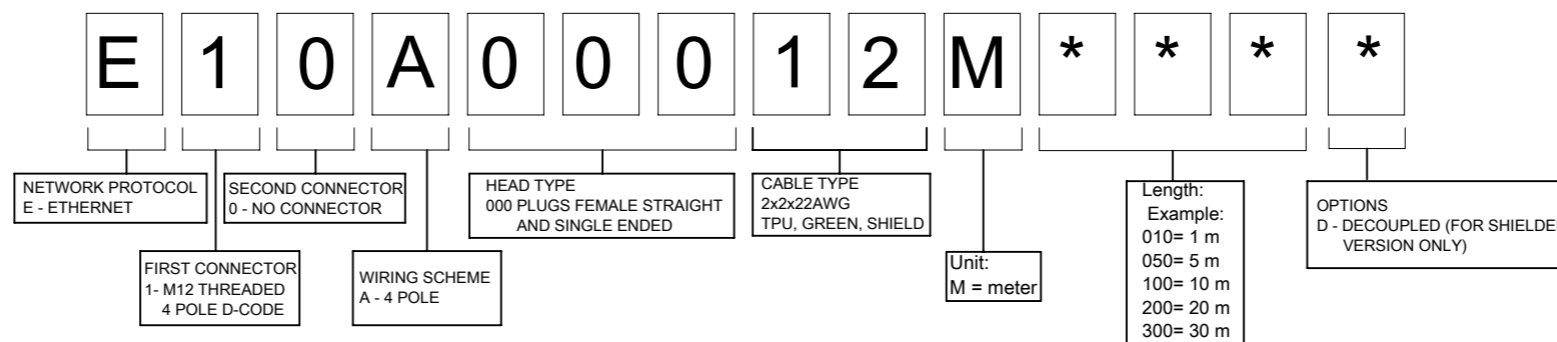


NOTES :  
 ELECTRICAL DATA  
 VOLTAGE RATING : 250V  
 AMPERAG RATING : 4A  
 INSULATION RESISTANCE : 10<sup>8</sup>Ω MIN.  
 MATING CYCLES : MAX. 100  
 ENVIRONMENTAL DATA  
 PROTECTION : IP67  
 OPERATING TEMPERATURE : -25°C TO +85°C

PART No MATRIX

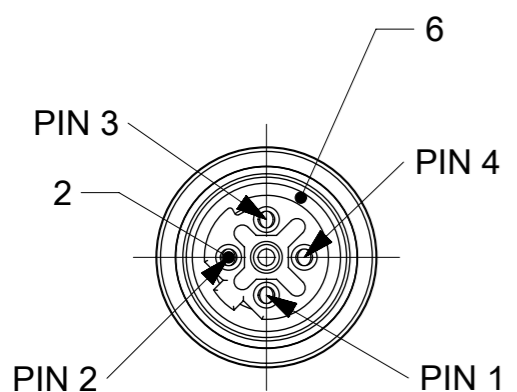


WIRING DIAGRAM

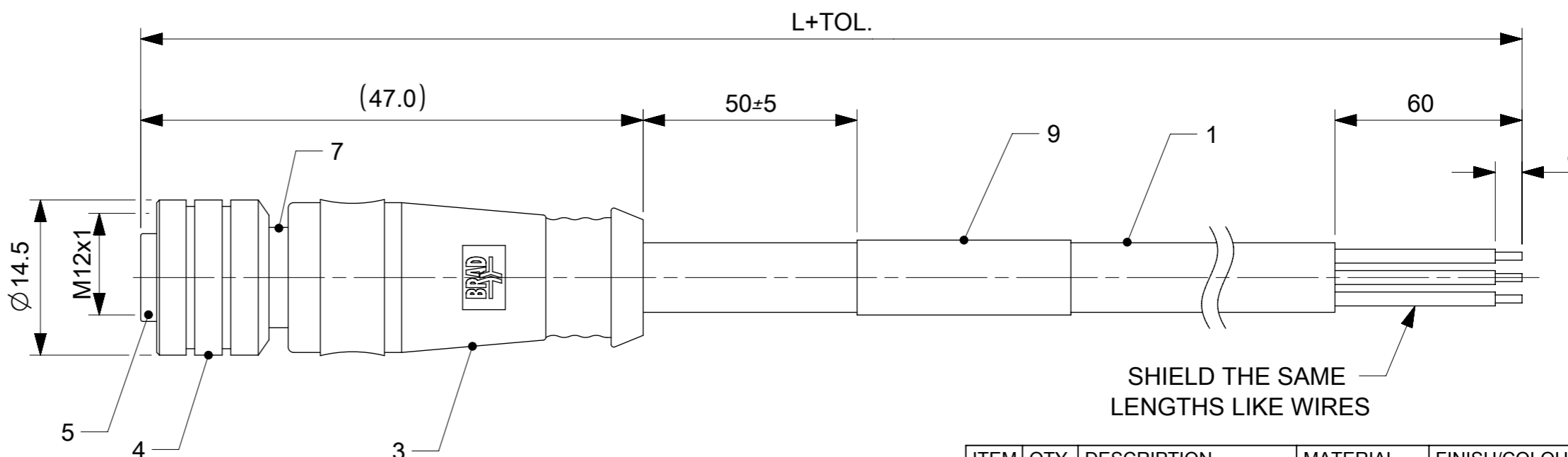


CABLE SPECIFICATION

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	STATIC	FLEXING	DRAG CHAIN TESTED	OTHER
CAB-12 4P	0.34mm <sup>2</sup>	TPU GREEN	STYLE 21215	YES	-40°C TO +80°C >5xO.D	-20°C TO +60 °C >15xO.D	2 mio CYCLES	WELD SLAG RESISTANCE



VIEW FROM THE FRONT SIDE



SHIELD THE SAME LENGTHS LIKE WIRES

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOUR
1	-	CABLE	TPU	GREEN
2	4	CONTACT FEMALE	BRASS	GOLD OVER Ni-PLATED
3	1	MOULING MATERIAL	TPU	BLACK
4	1	COULPING NUT M12	BRASS	Ni-PLATED
5	1	INSERT FEMALE	ELASTOLLAN	BLACK
6	1	GASKET OR	FPM	RED
7	1	M12 FEMALE SHLDSL	BRASS	Ni-PLATED
8	-	TAPE ADHESIVE	-	-
9	1	TAPE(LABEL)	-	WHITE

Table of length tolerances

Over	Up to and including	Tolerance(+)
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+1% of length

TABLE 1

MOLEX PN	ENGINEERING NO	L[mm]
1300488187	E10A00012M030	3000
1300488188	E10A00012M050	5000
1300488189	E10A00012M100	10000
1300488190	E10A00012M200	20000

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SYMBOLS:  $\nabla = 0$  DIMENSION UNITS: mm SCALE: 2:1

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: A3-SIZE

SERIES: 130048

CURRENT REV DESC:  
 EC NO: 177110  
 DRWN: SSM 2018/05/23  
 CHK'D: SSM 2018/05/23  
 APPR: RSILLER 2018/05/23

INITIAL REVISION:  
 DRWN: SSM 2018/05/23  
 APPR: RSILLER 2018/05/23

**molex**

CSE M12 ETH 4P DC FE STR WSOR 3M SE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 1300488187  
 DOC TYPE: PSD  
 DOC PART: 000  
 REVISION: A

MATERIAL NUMBER: SEE TABLE 1  
 CUSTOMER: GENERAL MARKET  
 SHEET NUMBER: 1 OF 1