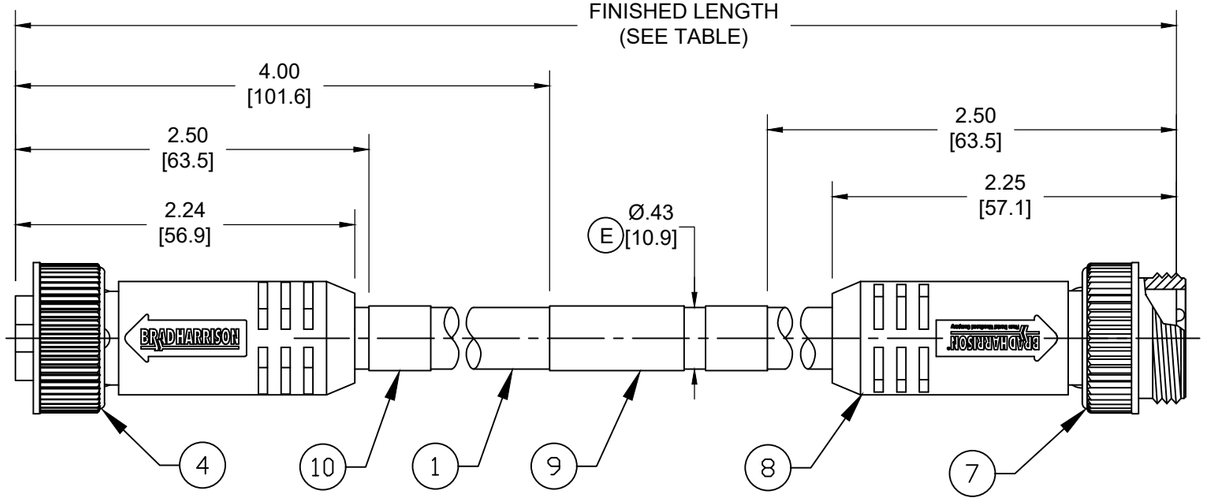
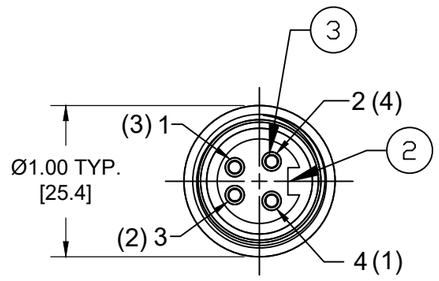
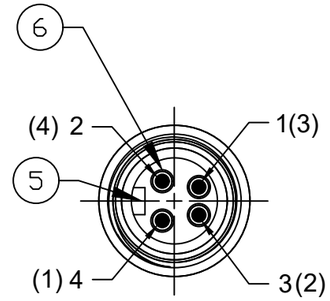
PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300100863	114030K12M005	0.5M
1300100864	114030K12M010	1.0M
1300100865	114030K12M020	2.0M





FEMALE FACE VIEW



MALE FACE VIEW

NOTES:
1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:
   VOLTAGE: 483V PER IEC 60664
   600V PER UL 2238
   CURRENT: 10A (E)
4. TEMP RATING: -20°C TO +90°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8-16
6. UL LISTED FILE: E152210
7. ALL DIMENSIONS ARE FOR REFERENCE
   UNLESS TOLERANCED OR NOTED OTHERWISE
8. PARTS WITH "H" IN MATRIX HAVE TWO ID
   CARRIERS ONE ON EACH SIDE

MECHANICAL CHARACTERISTICS:

TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

ITEM	COMPONENT	MATERIAL	FINISH
10	ID CARRIER	PVC	CLEAR
9	WRAP LABEL	VINYL	BLACK/YELLOW
8	OVERMOLD	TPE	YELLOW
7	COUPLING, MALE	ZINC DIE-CAST	BLACK
6	CONTACT PIN	COPPER ALLOY	GOLD PLATED
5	MALE INSERT (A-SIZE)	TPE	YELLOW
4	COUPLING, FEMALE	ZINC DIE-CAST	BLACK
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT (A-SIZE)	TPE	YELLOW
1	CABLE, 16/4 TC-ER (HI-FLEX)	TPE JACKET	YELLOW

CENELEC EN 50 044 PINOUT SHOWN
(SAE-J-1738A SHOWN IN PARENTHESIS)

4 (1)	BLACK	4 (1)
3 (2)	BLUE	3 (2)
1 (3)	BROWN	1 (3)
2 (4)	WHITE	2 (4)

CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

PART NO. MATRIX
114030K12XXXXH

LENGTH
M010 = 1 METER
M100 = 10 METER
F050 = 5 FEET
F500 = 50 FEET
T=100 METER
T001 = 101 METER
T010 =110 METER

ID CARRIER
H - SEE NOTE 8
BLANK - NO ID CARRIERS

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

FUNCTIONAL SYMBOLS
FA=0
FC=0
FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----
0 PLACES	±----	±----
ANGULAR TOL ±	---- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED AMPERAGE AND TEMPLATE

EC NO: 646474
DRWN: ALEON01 2020/10/14
CHK'D: CCHRASTKA 2020/10/19
APPR: BWOODMAN 2020/10/21

INITIAL REVISION:
DRWN: VOU 2012/01/19
APPR: JFMURPHY 2012/03/08

THIRD ANGLE PROJECTION
DRAWING: B-SIZE
SERIES: 130010
MATERIAL NUMBER: SEE CHART
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 1 OF 1

molex

MINI-CHANGE CORDSET
4P MALE/FEMALE ST/ST #16/4 TPE CABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130010-016	PSD	001	E

DOCUMENT STATUS	P1	RELEASE DATE	2020/10/21 19:11:24

FORMAT: IN-ACAD-tb-prod-B
REVISION: B
DATE: 2020/01/14