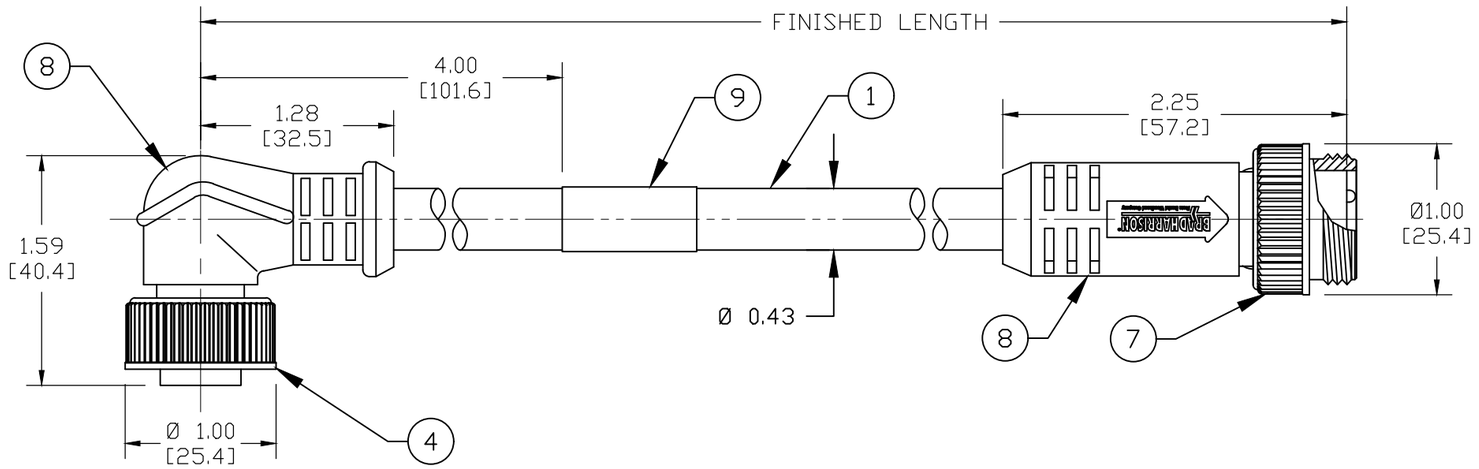
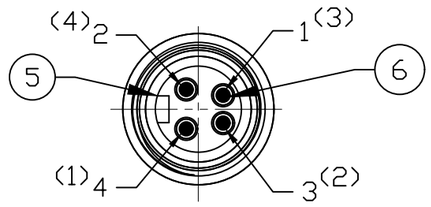
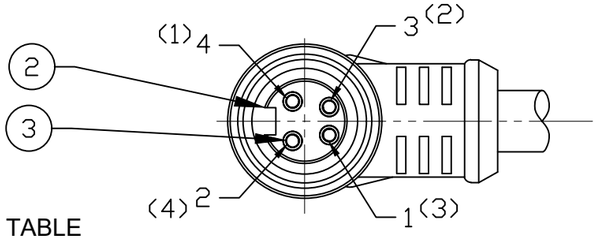
PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300101882	114031K12M005	0.5M
1300100916	114031K12M010	1.0M
1300100917	114031K12M020	2.0M





MALE FACE VIEW



FEMALE FACE VIEW

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)

114031K12M005

CABLE TYPE
16/4 TC-ER
HI-FLEX

FINISHED LENGTH:
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

NOTES:
1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:
   VOLTAGE: 483V PER IEC 60664
   600V PER UL 2238
   CURRENT: 10A (C)
4. TEMP RATING: -20°TO +90°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8-16
7. UL CERTIFICATION: UL LISTED, FILE NO. E152210
8. ALL DIMS ARE FOR REFERENCE
   UNLESS NOTED OTHERWISE

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	DESCRIPTION	MATERIAL	FINISH
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

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

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

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, FD=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 DOC BORDER/TEMPLATE

EC NO: 646474
DRWN: ALEON01 2020/08/18
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

molex

MINI-CHANGE CORDSET
4P MALE/FEMALE ST/90 #16/4 TPE CABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130010-018	PSD	001	C

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

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

Unikeyic Electronics

Global Electronic Components Distributor

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194290039 197054301 197134001 459850483 5023860371 464373005 502584-0870 503988100
194290026 502380-0800 355240920 347928042 0194360214 0351510214