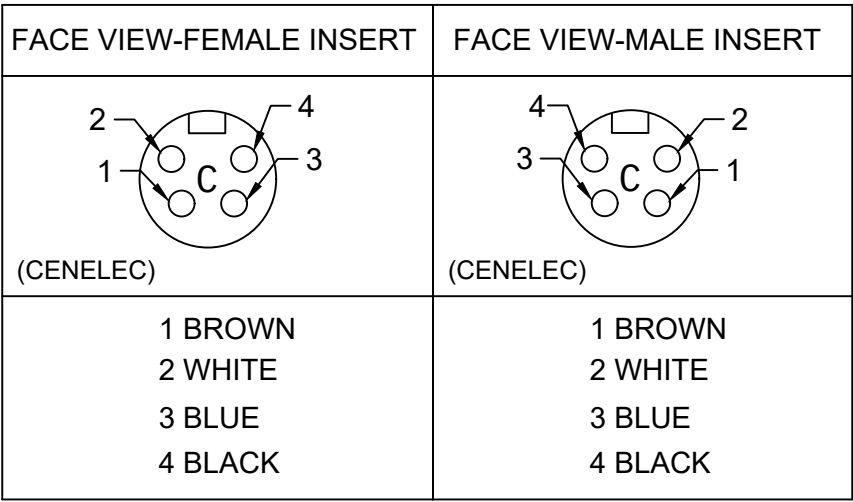




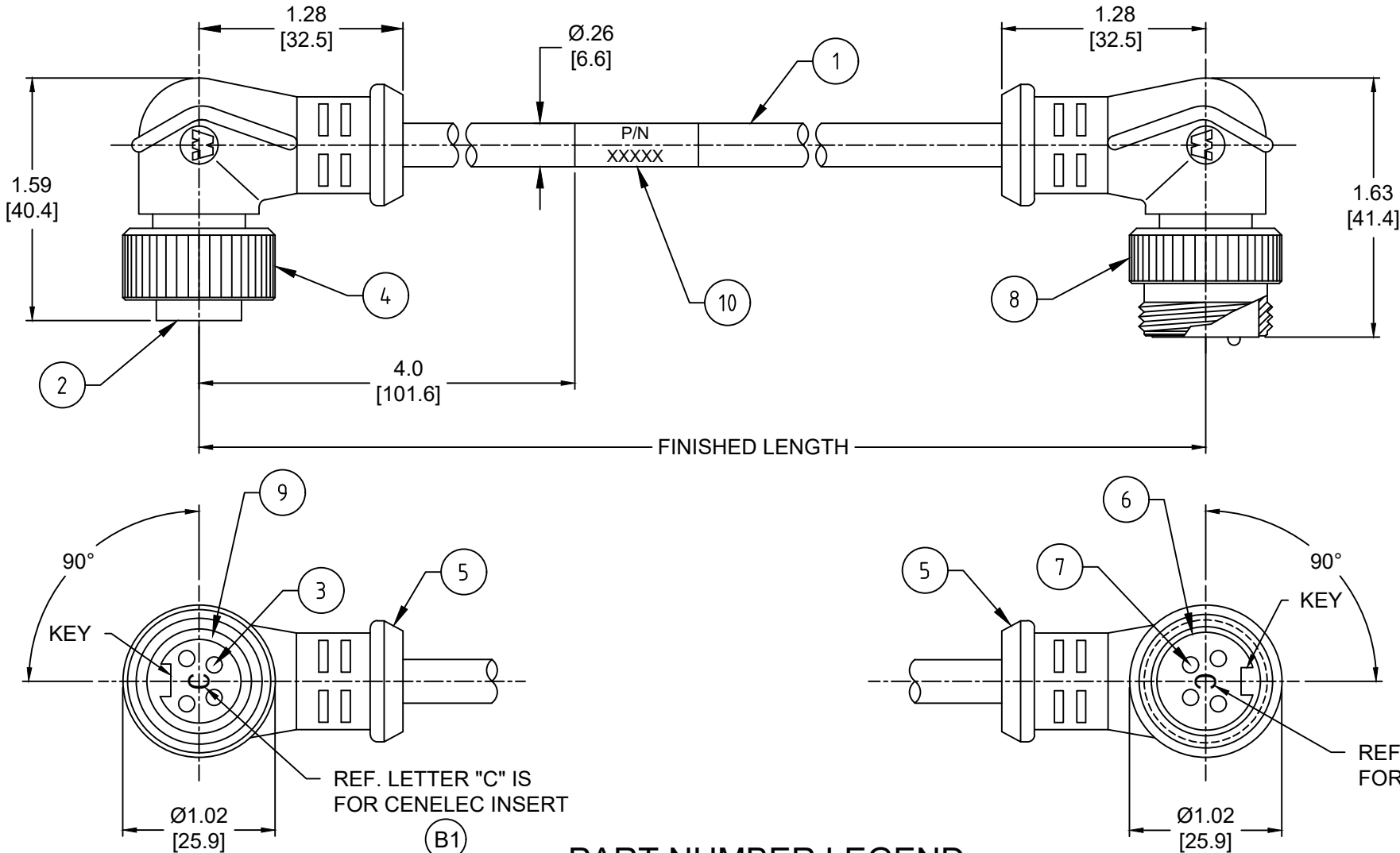
NOTES:

- MATERIAL: AS NOTED
- FINISH: AS NOTED
- ELECTRICAL:
VOLTAGE: 300V AC/DC
CURRENT: 5.6A
- TEMP RATING: -20°C TO +105°C
- PROTECTION: IP67 (WHEN MATED)
- COUPLING THREAD: 7/8-16UN
- CABLE BEND RADIUS IS 10X CABLE DIA.
- CSA CERTIFIED FILE: LR6837
- ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

MECHANICAL CHARACTERISTICS:

TORSIONAL FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300
DRAW CHAIN TEST	UP TO 20 MILLION CYCLES

10	WRAP LABEL	VINYL	BLACK/YELLOW
9	FRICTION RING	NYLON	NATURAL
8	COUPLING NUT, MALE THREAD	ZINC DIE-CAST	BLACK E-COAT
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED
6	MALE INSERT	TPE	YELLOW
5	OVERMOLD	TPE	YELLOW
4	COUPLING NUT, FEMALE THREAD	ZINC DIE-CAST	BLACK E-COAT
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	TPE	YELLOW
1	CABLE, 18 AWG ITC/PLTC, HI-FLEX	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH



PART NUMBER LEGEND
114033K03M002

FINISHED LENGTH:
M002= 0.2 METER
M010= 1 METER
M100= 10 METER

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	ENGINEERING NO.	FINISHED LENGTH
1300100971	114033K03M002	0.2M [8 IN]
1300102071	114033K03M100	10M [32FT 10 IN]
1300100981	114033K03M250	25M [82FT]

FUNCTIONAL SYMBOLS

F

A

=0

F

C

=0

F

P

=0

DIVISIONAL SYMBOLS

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

SERIES

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

DIMENSION UNITS

INCH/MM

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mm

INCH

4 PLACES

±----

±----

3 PLACES

±----

±----

2 PLACES

±----

±----

1 PLACE

±----

±----

0 PLACES

±----

±----

ANGULAR TOL

±

°

CURRENT REV DESC: MODIFIED NUMBERS OF PINOUTS
FOR CENELEC INSERTS. ADDED DRAG CHAIN TEST
VALUE

EC NO: 801051
DRWN: ABENJAMINLW 2024/07/01
CHK'D: LESPINOZA 2024/10/23
APPR: BWOODMAN 2024/10/23

INITIAL REVISION:
DRWN: RSTONE 2017/02/23
APPR: BWOODMAN 2017/03/08

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-130010-039

DOC TYPE

DOC PART

REVISION

PSD

001

B1

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE CHART

GENERAL MARKET

1 OF 1

mo

lex

MINI-CHANGE EXT. CORDSET A-SIZE
4 POLE, MALE-FEMALE, 90 DEG-90 DEG,
SINGLE KEY, 18 AWG, TPE HI-FLEX

DOCUMENT STATUS

P1

RELEASE DATE

2024/10/23

19:56:30

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