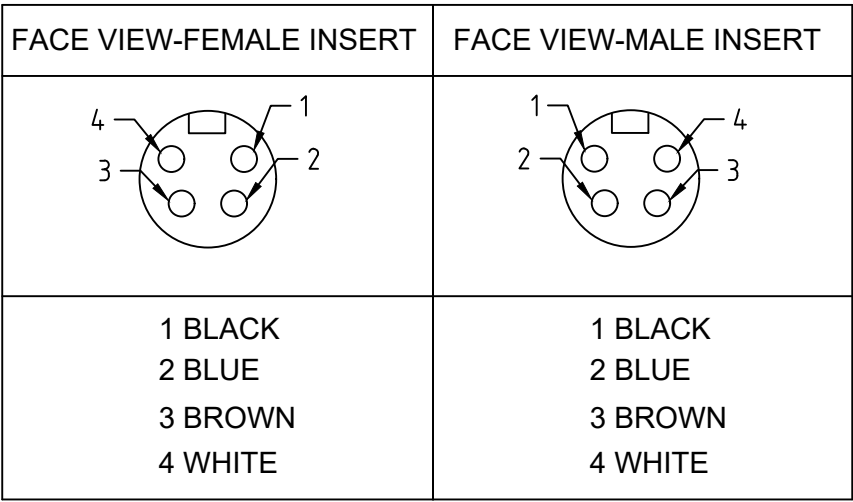




NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:
VOLTAGE: 300V AC/DC
CURRENT: 5.6A

4. TEMP RATING: -20°C TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: 7/8-16UN

7. CABLE BEND RADIUS IS 10X CABLE DIA.

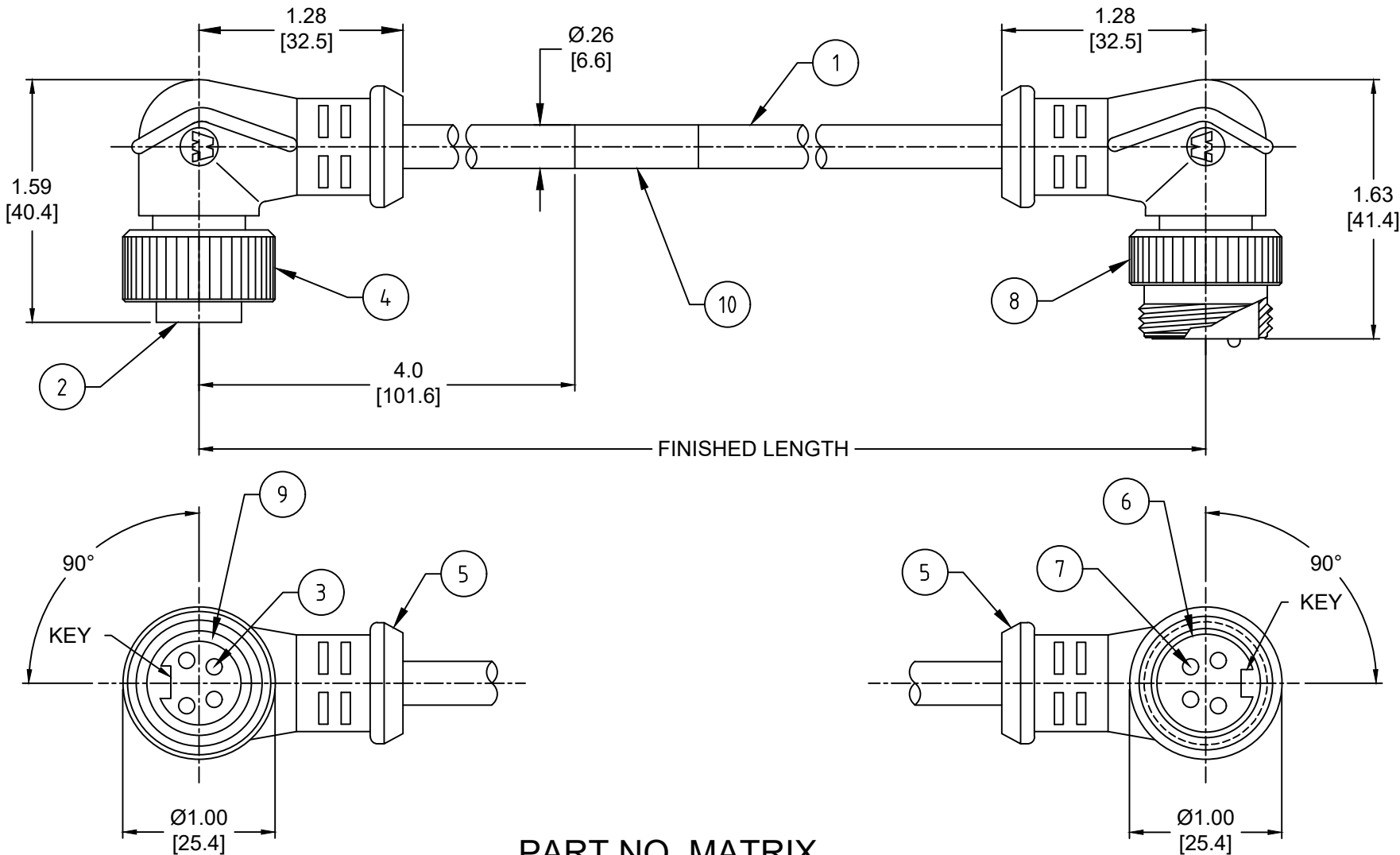
8. CSA LISTED FILE: LR6837

9. 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

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 NO. MATRIX
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

FUNCTIONAL SYMBOLS

F

A

=0

F

C

=0

F

P

=0

DIVISIONAL SYMBOLS

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)

4 PLACES

±----

±----

3 PLACES

±----

±----

2 PLACES

±----

±----

1 PLACE

±----

±----

0 PLACES

±----

±----

ANGULAR TOL

± ---- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

CURRENT REV DESC: ITEM# 2, 5 & 6 WERE PVC. ADDED ITEM #9, TOL CHART & MECH CHART... MODIFIED TEMP RATING & MATERIAL NUMBER CHART

EC NO: 663067

DRWN: ABENJAMINLW

CHK'D: RSTONE

APPR: BWOODMAN

2021/01/18

2021/05/06

2021/05/13

INITIAL REVISION:

DRWN: RSTONE

APPR: BWOODMAN

2017/02/23

2017/03/08

moLEX

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-130010-039

DOC TYPE

PSD

DOC PART

001

REVISION

B

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 1

DOCUMENT STATUS P1 RELEASE DATE 2021/05/13 00:30:13

Mouser Electronics

Authorized Distributor

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