

9

8

7

6

5

4

3

2

1

FACE VIEW-FEMALE INSERT

2-WHITE

4-BLACK

1-BROWN

3-BLUE

(CENELEC)

FACE VIEW-MALE INSERT

4-BLACK

2-WHITE

3-BLUE

1-BROWN

(CENELEC)

10

9

8

7

6

5

4

3

2

1

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:

VOLTAGE: 483 PER IEC60664

300 PER UL2238

CURRENT: 5.6A

4. TEMP RATING: -20°C TO +80°C

5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: AS SHOWN

7. UL RECOGNIZED FILE: E152210

CSA CERTIFIED FILE: LR6837

8. ALL DIMENSIONS ARE FOR REFERENCE

UNLESS TOLERANCED OR NOTED OTHERWISE

REF. LETTER "C" IS FOR CENELEC INSERT

Ø1.02

[25.9]

FEMALE - FACE VIEW

7/8-16 UN-2B THREAD

1.91

[48.5]

4.00

[101.6]

FINISHED LENGTH

Ø.26

[6.6]

2.00

[50.8]

7/8-16 UNS-2A THREAD

Ø1.00

[25.4]

MALE - FACE VIEW

10

9

8

7

6

5

4

3

2

1

WRAP LABEL

VINYL

YELLOW

OVERMOLD

TPE

YELLOW

COUPLING NUT, MALE

ZINC DIE-CAST

BLACK E-COAT

PIN CONTACT

COPPER ALLOY

GOLD PLATED

MALE INSERT

TPE

YELLOW

COUPLING NUT, FEMALE

ZINC DIE-CAST

BLACK E-COAT

FRICTION RING

NYLON

WHITE

SOCKET CONTACT

COPPER ALLOY

GOLD PLATED

FEMALE INSERT

TPE

YELLOW

PVC CABLE

PVC

YELLOW

ITEM

COMPONENT

MATERIAL

FINISH

114030A05M020

114030A05M100

114030A05M200

2M [6FT 7 IN]

10M [32FT 10 IN]

20M [65FT 7 IN]

WIRING DIAGRAM

S1

P1

4

3

1

2

BLACK

BLUE

BROWN

WHITE

4

3

1

2

(SAE)

CENELEC

CENELEC

(SAE)

PART NUMBER LEGEND

114030A05M050

FINISHED LENGTH:

M005= 0.5 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

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

DIVISIONAL SYMBOLS

ANGULAR TOL

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

130010

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 1

moLEX

MINI-CHANGE CORDSET, A-SIZE

4 POLE, MALE/FEMALE, ST/ST, 18/4C AWG

PVC YELLOW

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-130010-026

DOC TYPE

PSD

DOC PART

001

REVISION

C