

9 8 7 6 5 4 3 2 1

FACE VIEW-FEMALE INSERT

2-WHITE

4-BLACK

1-BROWN

3-BLUE

(CENELEC)

1300102010114030A05M0202M [6FT 7 IN]

1300102013114030A05M10010M [32FT 10 IN]

1300102014114030A05M20020M [65FT 7 IN]

FACE VIEW-MALE INSERT

4-BLACK

2-WHITE

3-BLUE

1-BROWN

(CENELEC)

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

REF. LETTER "C" IS FOR CENELEC INSERT

Ø1.00

[25.4]

MALE - FACE VIEW

10

WRAP LABEL

VINYL

YELLOW

9

OVERMOLD

TPE

YELLOW

8

COUPLING NUT, MALE

ZINC DIE-CAST

BLACK E-COAT

7

PIN CONTACT

COPPER ALLOY

GOLD PLATED

6

MALE INSERT

TPE

YELLOW

5

COUPLING NUT, FEMALE

ZINC DIE-CAST

BLACK E-COAT

4

FRICTION RING

NYLON

WHITE

3

SOCKET CONTACT

COPPER ALLOY

GOLD PLATED

2

FEMALE INSERT

TPE

YELLOW

1

PVC CABLE

PVC

YELLOW

ITEM

COMPONENT

MATERIAL

FINISH

WIRING DIAGRAM

S1

P1

4

BLACK

4

3

BLUE

3

1

BROWN

1

2

WHITE

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

SCALE

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

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

1 OF 1

DOCUMENT STATUS

P1

RELEASE DATE

2024/10/23

19:56:29

7

6

5

4

3

2

1