

12

11

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5

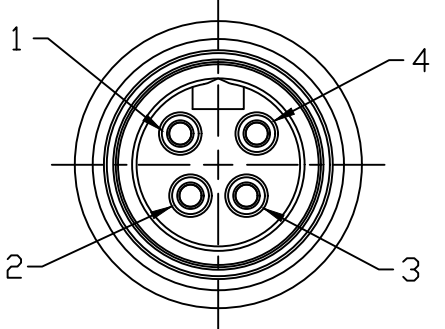
4

3

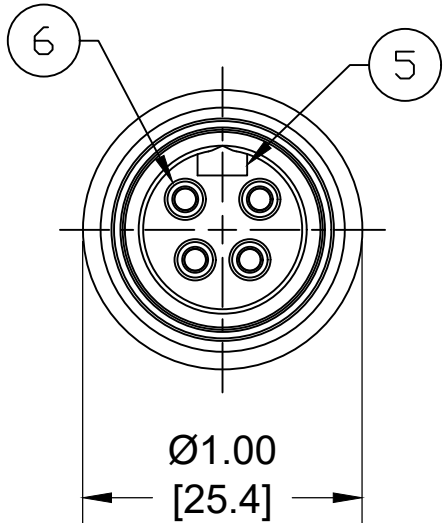
2

1

MALE INSERT  
FRONT VIEW



1-BLACK  
2-WHITE  
3-RED  
4-GREEN/YELLOW



Ø1.00  
[25.4]  
TYP.

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:

VOLTAGE: 483V PER IEC60664 (D)  
600V PER UL2237

CURRENT: 15A

4. TEMP RATING: -20°TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: 7/8"-16UN

6. UL LISTED FILE: E258922

7. ALL DIMENSIONS ARE FOR REFERENCE  
UNLESS TOLERANCED OR NOTED OTHERWISE

11

10

9

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2

1

1300620120

1300620141

1300621062

ENGINEERING NO.

114030A46M010

114030A46M300

114030A46M840

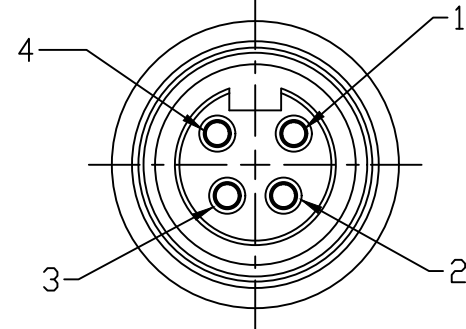
FINISHED LENGTH

1M [3 FT 3 IN]

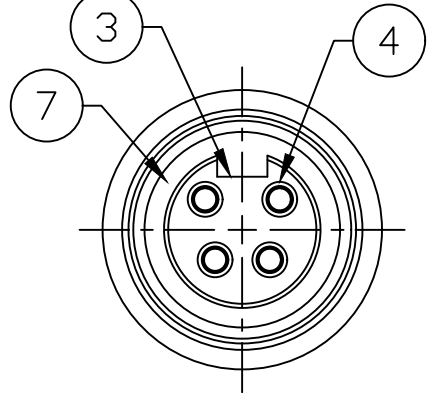
30M [98 FT 5 IN]

84M [275 FT 7 IN]

FEMALE INSERT  
FRONT VIEW



1-BLACK  
2-WHITE  
3-RED  
4-GREEN/YELLOW



2.23  
[58.2]

2.26  
[57.4]

2.25  
[6.4]

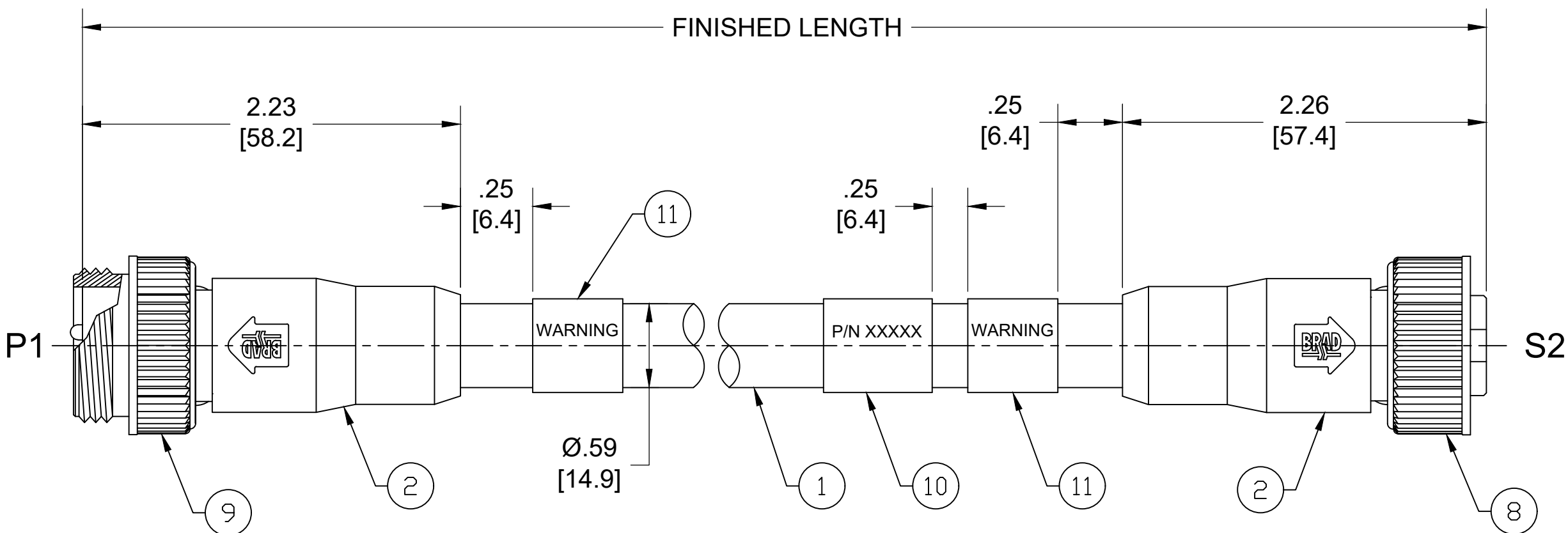
2.25  
[6.4]

Ø.59  
[14.9]

FINISHED LENGTH

P1

S2



P1

S2

1

2

3

4

BLACK

WHITE

RED

GREEN/YELLOW

1

2

3

4

WIRING DIAGRAM

11

10

9

8

7

6

5

4

3

2

1

WARNING LABEL

WRAP LABEL

MALE COUPLING NUT

FEMALE COUPLING NUT

FRICTION RING

PIN CONTACT

MALE INSERT

SOCKET CONTACT

FEMALE INSERT

OVERMOLD

CABLE #14 AWG

ITEM

VINYL

VINYL

ZINC DIE CAST

ZINC DIE CAST

NYLON

COPPER ALLOY

TPE

COPPER ALLOY

TPE

TPE

PVC

MATERIAL

ORANGE/BLACK

BLACK/YELLOW

BLACK-E-COAT

BLACK-E-COAT

WHITE

GOLD OVER NICKEL

BLACK

GOLD OVER NICKEL

BLACK

GRAY

GRAY

FINISH

11

10

9

8

7

6

5

4

3

2

1

DOCUMENT STATUS

P1

RELEASE DATE

2022/03/11

14:29:49

11

10

9

8

7

6

5

4

3

2

1

114030A46M003

FINISHED LENGTH:

M005= 0.5 METER

M010= 1 METER

M100= 10 METER

(D)

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

FA=0

FC=0

FP=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)

mm

INCH

4 PLACES

±----

±----

3 PLACES

±----

±----

2 PLACES

±----

±----

1 PLACE

±----

±----

0 PLACES

±----

±----

ANGULAR TOL

±

----

°

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

CURRENT REV DESC: INSERT & OVERMOLD WERE PVC. ADDED IEC VOLTAGE & TOL CHART. MODIFIED PN TABLE

EC NO:

698916

DRWN:

ABENJAMINLW

2021/06/18

CHK'D:

RSTONE

2022/03/09

APPR:

BWOODMAN

2022/03/11

INITIAL REVISION:

DRWN:

EBRACKEN

2013/06/20

APPR:

BWOODMAN

2013/08/14

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

130062

DOCUMENT NUMBER

SD-130062-017

DOC TYPE

PSD

DOC PART

001

REVISION

D

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 1

12

11

10

9

8

7

6

5

4

3

2

1

12

11

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7

6

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2

1