

J

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F

E

D

C

B

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F

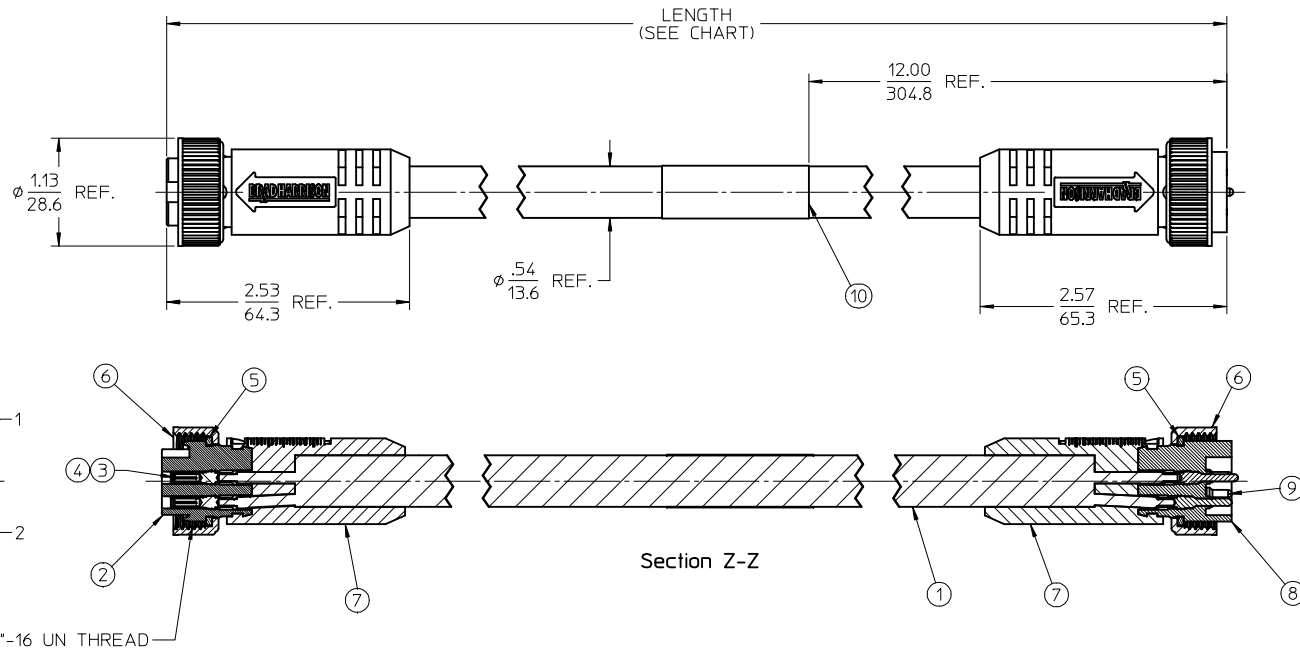
E

D

C

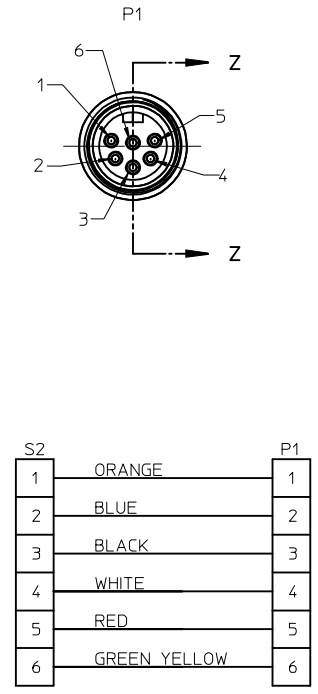
B

A



PART NUMBER	ENGINEERING NO.	LENGTH
1300110008	226020A01F030	3' 0" +1.75 - 0 [.9M +44.5 - 0]
1300110010	226020A01F060	6' 0" +2.19 - 0 [1.8M +55.6 - 0]
1300110013	226020A01F090	9' 0" +3.50 - 0 [2.7M +88.9 - 0]
1300110016	226020A01F120	12' 0" +3.50 - 0 [3.7M +88.9 - 0]
1300110018	226020A01F150	15' 0" +6.50 - 0 [4.6M +165.1 - 0]
1300110019	226020A01F200	20' 0" +6.50 - 0 [6.1M +165.1 - 0]
1300110022	226020A01F250	25' 0" +12.50 - 0 [7.6M +317.5 - 0]
1300110023	226020A01F300	30' 0" +12.50 - 0 [9.1M +317.5 - 0]
1300110025	226020A01F350	35' 0" +12.50 - 0 [10.7M +317.5 - 0]
1300110026	226020A01F400	40' 0" +12.50 - 0 [12.2M +317.5 - 0]
1300110028	226020A01F500	50' 0" +24.50 - 0 [15.2M +622.3 - 0]
1300110029	226020A01F650	65' 0" +24.50 - 0 [19.8M +622.3 - 0]
1300110031	226020A01F750	75' 0" +24.50 - 0 [22.9M +622.3 - 0]

- NOTES:
1. MATERIAL: SEE TABLE
 2. FINISHES: SEE TABLE
 3. CABLE ASSEMBLIES ARE BAGGED SEPARATELY IN POLY BAGS WITH BARCODE LABEL ATTACHED TO OUTSIDE OF BAG
 4. WRAP LABEL IS MARKED WITH P/N, DATE CODE VOLTAGE & AMPERAGE
 5. MATES WITH: MINI CHANGE, C-SIZE 6 POLE RECEPTACLE
 6. ELECTRICAL SPECIFICATIONS:
VOLTAGE RATING: 600V
CURRENT RATING: 8 AMPS
 7. ASSEMBLY IS RoHS COMPLIANT



10	1	LABEL	PLASTIC FILM	BLACK/YELLOW
9	6	PIN CONTACT	BRASS	GOLD PLATED
8	1	INSERT, MALE, 6 POLE	PVC	YELLOW
7	2	OVERMOLD	PVC	YELLOW
6	2	COUPLING NUT	ZINC DIE CAST	BLACK
5	2	FRICITION RING	NYLON	NATURAL
4	6	SOCKET CONTACT	BRASS	GOLD PLATED
3	6	SOCKET SLEEVE	STAINLESS STEEL	
2	1	INSERT, FEMALE, 6 POLE	PVC	YELLOW
1	1	CABLE, 16-6 ST00W/ST	PVC JACKET	YELLOW
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

RELEASED
EC NO: WNA2009-0627
DRAWN:STONE 2009/04/03
CHKD:B. WOODMAN
APPR:J.MURPHY 2009/04/08

REV
A

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± .01
1 PLACE ± 0.3 ± ---
ANGULAR ± 1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY
R.STONE
DATE
2009/04/02

CHECKED BY
B.WOODMAN
DATE
2009/04/03

APPROVED BY
J.MURPHY
DATE
2008/04/06

MATERIAL NO.
SEE CHART

SIZE
C

SCALE
1:1

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

TITLE
MINI-CHANGE CORD ASSY
MALE/FEMALE, B-SIZE
6 POLE

MOLEX INCORPORATED

DOCUMENT NO.
SD-130011-001

SHEET NO.
1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

12

11

10

9

8

7

6

5

4

3

2

1

FACE VIEW-FEMALE INSERT

5

6

1

4

3

2

6

1

2

4

3

5

6

7

1

5

8

2

4

3

1 ORANGE

2 BLUE

3 BLACK

4 WHITE

5 RED

6 GREEN/YELLOW

6

1

2

4

3

5

1

6

5

2

7

4

3

1

7

6

2

8

5

3

4

1 WHITE/BLACK

2 BLACK

3 WHITE

4 RED

5 ORANGE

6 BLUE

7 GREEN/YELLOW

6

7

1

5

8

2

4

3

1

6

5

2

7

4

3

1

7

6

2

8

5

3

4

1 ORANGE

2 BLUE

3 WHITE/BLACK

4 BLACK

5 WHITE

6 RED

7 GREEN/YELLOW

8 RED/BLACK

3

2

3

2

4

5

8

1

5

4

2.53

[64.3]

4.00

[101.6]

Ø.54

13.7

B

2.57

[65.3]

FINISHED LENGTH

6

7

Ø1.13 TYP.

[28.7]

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:

6 POLE: VOLTAGE: 400V PER IEC60664

600V PER UL2238

CURRENT: 8A

7 POLE: VOLTAGE: 320V PER IEC60664

600V PER UL2238

CURRENT: 8A

8 POLE: VOLTAGE: 320V PER IEC60664

600V PER UL2238

CURRENT: 7A

4. TEMP RATING: -20°TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: 1"-16 UN

7. UL RECOGNIZED FILE: E152210

CSA CERTIFIED FILE: LR6837 B

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

8

7

6

5

4

3

2

1

ITEM

WRAP LABEL

CONTACT PIN

MALE INSERT

OVERMOLD

COUPLING

CONTACT SOCKET

FEMALE INSERT

CABLE, 16AWG, TPE,STOOW

DESCRIPTION

VINYL

COPPER ALLOY

TPE

TPE

ZINC DIE-CAST

COPPER ALLOY

TPE

PVC JACKET

MATERIAL

BLACK/YELLOW

GOLD PLATED

YELLOW

YELLOW

BLACK

GOLD PLATED

YELLOW

YELLOW

FINISH

227020A01M010

POLES (6,7,8)

FINISHED LENGTH:

M005= 0.5 METER

M010= 1 METER

M100= 10 METER

F010= 1 FOOT

F100= 10 FEET

PART NO

ENGINEERING NO.

FINISHED LENGTH

1300110008

226020A01F030

3FT [0.9M]

1300110082

227020A01M300

30M [98FT 5 IN]

1300110158

228020A01M600

60M [196FT 10 IN]

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

DIMENSION UNITS

INCH/MM

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES

±----

±----

3 PLACES

±----

±----

2 PLACES

±----

±----

1 PLACE

±----

±----

0 PLACES

±----

±----

ANGULAR TOL ± 0.5 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ITEM# 2, 5 & 6 WERE PVC. ADDED "CSA" IN NOTES. ADDED CABLE DIA. MODIFIED MATERIAL TABLE

EC NO: 643513

DRWN: ABENJAMINLW

CHK'D: RSTONE

APPR: BWOODMAN

INITIAL REVISION:

DRWN: RSTONE

APPR: BWOODMAN

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2020/07/29

2020/08/28

2020/09/15

2016/11/30

2016/12/20

C-SIZE

139990

SEE CHART

GENERAL MARKET

1 OF 1

moLEX

MINI-CHANGE CORDSET, B-SIZE,

6-8 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 16 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE|DOC PART|REVISION

DOCUMENT STATUS

P1

RELEASE DATE

2020/09/15

20:43:15

12

11

10

9

8

7

6

5

4

3

2

1