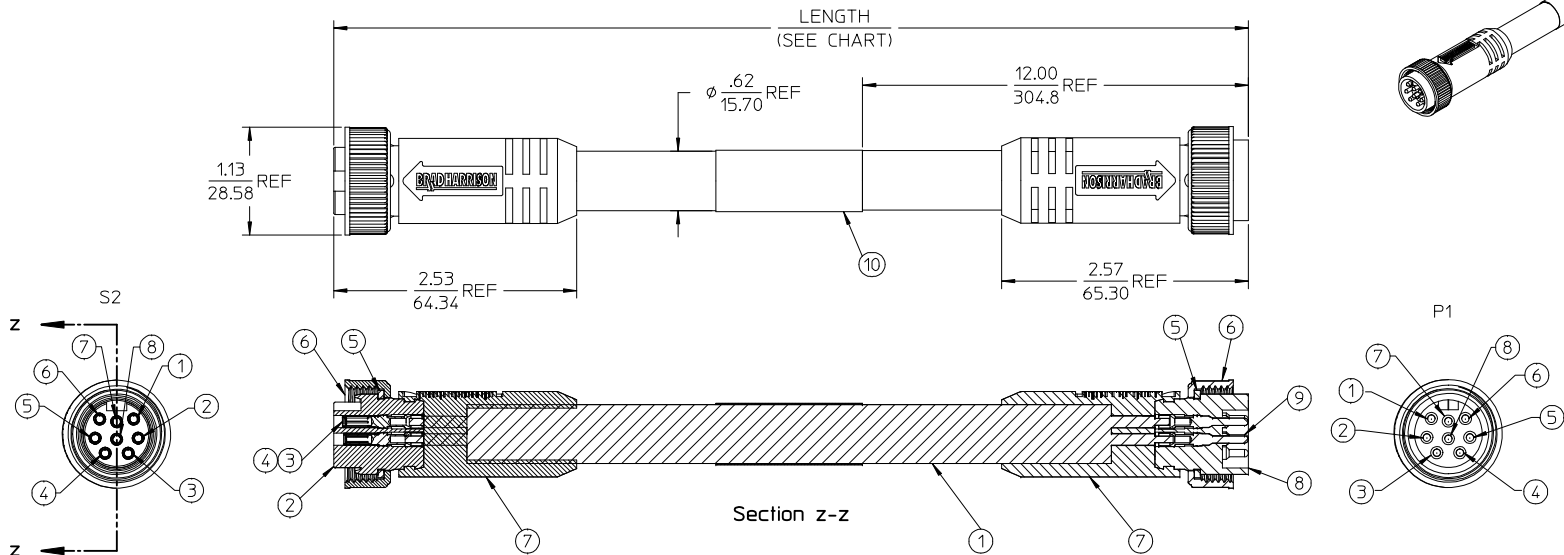


13	12	11	10	9	8	7	6	5	4	3	2	1
PART NUMBER	ENGINEERING NO.	LENGTH										
1300110119	228020A01F060	6' 0" +2.19 - 0 [1.8M +55.6 - 0]										
1300110124	228020A01F120	12' 0" +3.50 - 0 [3.7M +88.9 - 0]										
1300110130	228020A01F200	20' 0" +6.50 - 0 [6.1M +165.1 - 0]										



- NOTES:
- 1. MATERIAL: SEE TABLE
 - 2. FINISHES: SEE TABLE
 - 3. CABLE ASSEMBLIES ARE BAGGED SEPERATELY 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 8 POLE RECEPTACLE
 - 6. ELECTRICAL SPECIFICATIONS:
VOLTAGE RATING: 600V
CURRENT RATING: 7 AMPS
 - 7. ASSEMBLY IS RoHS COMPLIANT

S2		P1
1	ORANGE	1
2	BLUE	2
3	WHITE/BLACK	3
4	BLACK	4
5	WHITE	5
6	RED	6
7	GREEN/YELLOW-GND	7
8	RED/BLACK	8

WIRING DIAGRAM

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

RELEASED
EC NO: WNA2009-0813
DRAWN: BRUPERT
CHKD:
APPR: J. MURPHY

2009/06/09
2009/06/10

DESCRIPTION
REV

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
BRUPERT

CHECKED BY
B. WOODMAN

APPROVED BY
J. MURPHY

MATERIAL NO.

SIZE

SCALE
1:1

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

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

MOLEX INCORPORATED

DOCUMENT NO.
SD-130011-003

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

POLES

(6,7,8)

227020A01M010

FINISHED LENGTH:

M005= 0.5 METER

M010= 1 METER

M100= 10 METER

F010= 1 FOOT

F100= 10 FEET

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

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

139990

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

EC NO: 643513

DRWN: ABENJAMINLW 2020/07/29

CHK'D: RSTONE 2020/08/28

APPR: BWOODMAN 2020/09/15

INITIAL REVISION:

DRWN: RSTONE 2016/11/30

APPR: BWOODMAN 2016/12/20

DOCUMENT NUMBER

SD-130011-006

DOC TYPE|DOC PART|REVISION

PSD 001 B

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE CHART

GENERAL MARKET

1 OF 1

PART NO

ENGINEERING NO.

FINISHED LENGTH

1300110008

226020A01F030

3FT [0.9M]

1300110082

227020A01M300

30M [98FT 5 IN]

1300110158

228020A01M600

60M [196FT 10 IN]

DOCUMENT STATUS

P1

RELEASE DATE

2020/09/15 20:43:15

12

11

10

9

8

7

6

5

4

3

2

1