

M12 3 POLE

FACE VIEW

Pin	Wire color
1	BROWN
2	-
3	BLUE
4	BLACK

M12 4 POLE

FACE VIEW

Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK

M12 5 POLE

FACE VIEW

Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GRAY

M12 8 POLE

FACE VIEW

Pin	Wire color
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GRAY
6	PINK
7	BLUE
8	RED

PART NO.	ENGINEERING NO	L[mm]	POLE	RECEPTACLE MAT.
1200110027	8R4J36E03C0803	80	4	BRASS/NI PLATE
1200700156	8R4J36E03C3003	300	4	BRASS/NI PLATE
1200110194	8R5J36E03C5003	500	5	BRASS/NI PLATE
1200700231	8R5J36E03C3003	300	5	BRASS/NI PLATE
1200110309	8R8J36E03C5003	500	8	BRASS/NI PLATE

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

PART No MATRIX

8

R

*

J

3

6

*

*

*

*

*

*

*

*

8=Micro Change
R=Receptacle
3=3 Core
4=4 Core
5=5 Core
8=8 Core
Male Contact
Male thread M12
PG9 Mounting Thread
E03=0,34 PVC
C= CENTIMETRES
M= METRES
LENGTH
300=30cm (300mm)
500=50cm (500mm)
030=3m (3000mm)
Shell Material
3=Brass Nickel Plated (Standard)

17.0
[.67]

2.0
[.08]

0.8
[.03]

2

3

5

4

8

6

PG9 THREAD

6.0
[.24]

50
1.97

L

13.4
[.53]

18.0
[.71]

2.8
[.11]

13.7
[.54]

Ø15.4
[Ø.61]

PANEL CUTOUT

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 250V (3, 4 & 5 POLE)
CURRENT: 4A
VOLTAGE: 30VAC/36VDC (8 POLE)
CURRENT: 2A
4. TEMP RATING: -20°C TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

ITEM	DESCRIPTION	MATERIAL	FINISH
8	FLAG LABEL	VINYL	BLACK/YELLOW
7	PANEL NUT PG-9	BRASS	NICKEL PLATED
6	O-RING	NITRILE	BLACK
5	POTTING MATERIAL	PUR	
4	WIRE 22AWG (UL1569)	PVC INSULATION	SEE FACE VIEWS
3	CONTACT PIN	COPPER ALLOY	GOLD PLATED
2	MALE INSERT	PUR	BLACK
1	RECEPTACLE SHELL	BRASS	NICKEL PLATED

DOCUMENT STATUS

P1

RELEASE DATE

2020/01/14 20:25:39

SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

MM/INCH

SCALE

1:1

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

C-SIZE

SERIES

120011

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

EC NO:

629880

DRWN:

RSTONE

2019/12/18

CHK'D:

MZIELINSKI

2020/01/06

APPR:

BWOODMAN

2020/01/14

INITIAL REVISION:

DRWN:

RSTONE

2019/12/18

APPR:

BWOODMAN

2020/01/14

DOCUMENT NUMBER

1200110027

DOC TYPE

PSD

DOC PART

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REVISION

A

12

11

10

9

8

7

6

5

4

3

2

1

12

11

10

9

8

7

6

5

4

3

2

1