

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1200905081](#)  
**Status:** **Active**  
**Overview:** [Brad Nano-Change \(M8\) Products](#)  
**Description:** Nano-Change (M8) Receptacle, M8 x 1.0 Mounting Threads, Male (Straight) to Leads, 0.20m (7.87") Length, Back Mount, with 5 Poles on Mating Side

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR6837  
 UL E152210

**General**

Product Family Industrial Receptacles  
 Series [120090](#)  
 IP Rating IP67  
 NEMA Rating NEMA 6  
 Overview [Brad Nano-Change \(M8\) Products](#)  
 Product Name Nano-Change (M8)  
 Type Single Ended (pigtail)  
 UPC 883906688493

**Physical**

Coupling Type External Thread  
 Gender Male  
 Keyway None  
 Length 0.20m  
 Material - Component Nickel-plated Brass  
 Mounting Thread Size M8 x 1.0  
 Net Weight 22.679g  
 Orientation Straight  
 Panel Mount Back  
 Poles 5  
 Temperature Range - Operating -25°C to +90°C  
 Wire Size AWG 24  
 Wire/Cable Type Leads

**Electrical**

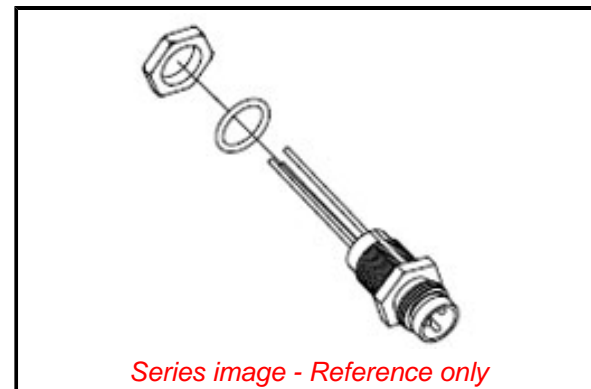
Current - Maximum per Contact 4.0A  
 Voltage - Maximum 60V AC / 75V DC

**Material Info**

Engineering Number 4R5F46E02C200

**Reference - Drawing Numbers**

Sales Drawing SD-120090-004



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per - ED/61/2018 (27 June 2018)

Lead

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[120090 Series](#)