

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

**Part Number:** [120090033](#)  
**Status:** **Active**  
**Overview:** [Brad Nano-Change \(M8\) Products](#)  
**Description:** Nano-Change (M8) Receptacle, M8 x 0.5 Mounting Threads, Male (Straight) 4 Poles, 1.0m (3.28') Length

**Documents:**

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

**Agency Certification**

CSA LR6837  
 UL E46237

**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 78678855997

**Physical**

Coupling Type External Thread  
 Gender Male  
 Keyway None  
 Length 1.0m  
 Material - Component Nickel-plated Brass  
 Mounting Thread Size M8 x 0.5  
 Net Weight 20.526/g  
 Orientation Straight  
 Panel Mount N/A  
 Poles 4  
 Temperature Range - Operating -20°C to +105°C  
 Wire Size AWG 24  
 Wire/Cable Type N/A

**Electrical**

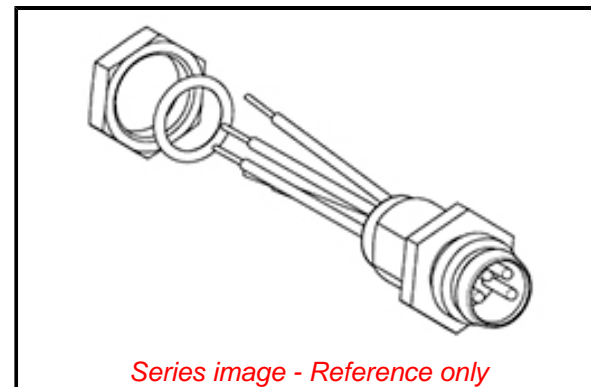
Current - Maximum per Contact 4.0A  
 Voltage - Maximum 60V AC / 75V DC

**Material Info**

Engineering Number 4R4P06A27M010

**Reference - Drawing Numbers**

Sales Drawing SD-120090-040



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per - D(2020)4578-DC (25 June 2020)

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](#)