

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

**Part Number:** [120090032](#)  
**Status:** **Active**  
**Overview:** Brad Nano-Change (M8) Products  
**Description:** Nano-Change (M8) Receptacle, 4 Poles, M8 x 0.5 Mounting Threads, Male (Straight) to 22 AWG Leads, 0.30m (11.81") 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)  
 Taxonomy Circular Industrial Connectors  
 Type Single Ended (pigtail)  
 UPC 78678833057

**Physical**

Coupling Type External Thread  
 Gender Male  
 Keyway A-coded  
 Length 0.30m  
 Material - Component Nickel-plated Brass  
 Mounting Thread Size M8 x 0.5  
 Net Weight 9.071/g  
 Orientation Straight  
 Panel Mount Front  
 Poles 4  
 Temperature Range - Operating -20° to +105°C  
 Wire Size AWG 24  
 Wire/Cable Type UL 1569

**Electrical**

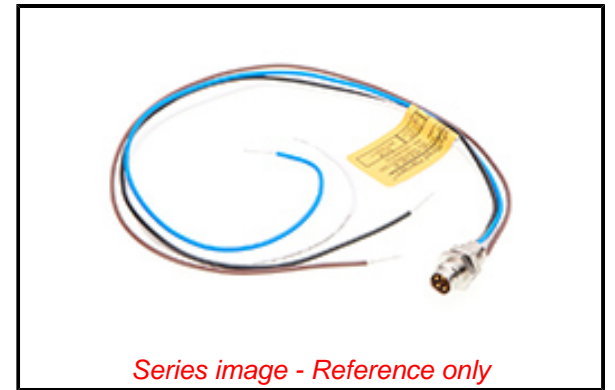
Current - Maximum per Contact 3.0A  
 Voltage - Maximum 60V AC / 75V DC

**Material Info**

Engineering Number 4R4P06A27C300

**Reference - Drawing Numbers**

Sales Drawing SD-120090-040-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c),7(c)-I**

**REACH SVHC**

Contained Per - ED/01/2018 (15 January 2018)  
 2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)p

Bisphenol-A

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

ZZCERT\_CE -

Declaration of

Conformity

ZZCERT\_UKCA

- Declaration of

Conformity

**China RoHS**

50 Image

Not Relevant

Not Contained

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**Search Parts in this Series**

[120090 Series](#)