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**Part Number:** [120090-0020](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Receptacle, M8 x 0.5 Mounting Threads, Straight Male, 3 Poles, 0.30m Length

**Documents:**

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

**Agency Certification**

CSA LR6837  
 UL E152210

**General**

Product Family Industrial Receptacles  
 Series [120090](#)  
 IP Rating IP67  
 MolexKits Yes  
 NEMA Rating NEMA 6  
 Overview [Brad® Nano-Change® &#40;M8&#41; Products](#)  
 Product Name Nano-Change® (M8)  
 Type Single Ended (pigtail)  
 UPC 78678833056

**Physical**

Coupling Type External Thread  
 Gender Male  
 Keyway None  
 Length 0.30m  
 Material - Component Nickel-plated Brass  
 Mounting Thread Size M8 x 0.5  
 Net Weight 13.230/g  
 Orientation Straight  
 Panel Mount N/A  
 Poles 3  
 Temperature Range - Operating -20°C to +80°C  
 Wire Size AWG 24  
 Wire/Cable Type N/A

**Electrical**

Current - Maximum per Contact 4A  
 Voltage - Maximum 60V AC / 75V DC

**Solder Process Data**

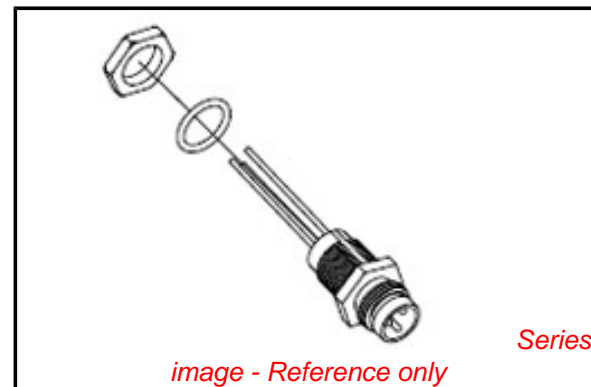
Duration at Max. Process Temperature (seconds) 3  
 Max. Cycles at Max. Process Temperature 3  
 Process Temperature max. C 260

**Material Info**

Old Part Number 4R3P06A27C300

**Reference - Drawing Numbers**

Sales Drawing SD-120090-001



**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

120090Series

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