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**Part Number:** [120031-0006](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Receptacle, M8 x 1.0 Mounting Threads, Straight Male, 4 Poles, 0.30m Length, Front Panel Mount

**Documents:**

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

**Agency Certification**

UL E152210

**General**

Product Family Industrial Receptacles  
 Series [120031](#)  
 IP Rating IP67  
 NEMA Rating NEMA 6  
 Overview [Brad® Nano-Change® &#40;M8&#41; Products](#)  
 Product Name Nano-Change® (M8)  
 Type Single Ended (pigtail)  
 UPC 883906177782

**Physical**

Coupling Type External Thread  
 Gender Male  
 Keyway None  
 Length 0.30m  
 Material - Component Nickel-plated Brass  
 Mounting Thread Size M8 x 1.0  
 Net Weight 11.350/g  
 Orientation Straight  
 Panel Mount Front  
 Poles 4  
 Temperature Range - Operating -25°C to +90°C  
 Wire Size AWG 24  
 Wire/Cable Type Leads

**Electrical**

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

**Material Info**

Old Part Number 4R4F06E02C3003

**Reference - Drawing Numbers**

Sales Drawing SD-120090-027

**EU RoHS**

**ELV and RoHS**

**Compliant**

**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.

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[120031Series](#)