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**Part Number:** [120090-0038](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Receptacle, 5 Poles, M8 x 0.5 Mounting Threads, Male (Straight) to 22 AWG Leads, 5 Poles, 0.30m (11.81") 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  
NEMA Rating NEMA 6  
Overview [Brad® Nano-Change® &#40;M8&#41; Products](#)  
Product Name Nano-Change® (M8)  
Type Single Ended (pigtail)  
UPC 78678833575

**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 15.890/g  
Orientation Straight  
Panel Mount N/A  
Poles 5  
Temperature Range - Operating -20°C to +105°C  
Wire Size AWG 24  
Wire/Cable Type N/A

**Electrical**

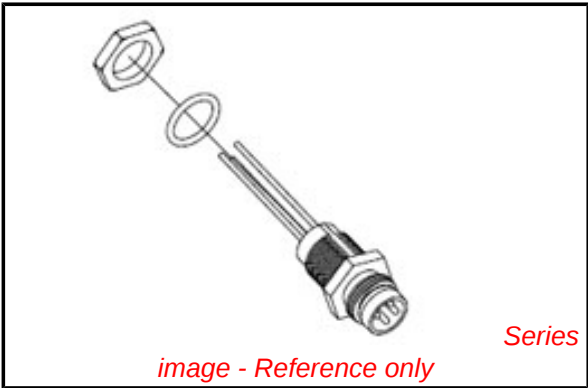
Current - Maximum per Contact 3A  
Voltage - Maximum 30V AC/DC

**Material Info**

Old Part Number 4R5P06A27C300

**Reference - Drawing Numbers**

Sales Drawing SD-120090-041



**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.

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[120090Series](#)