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**Part Number:** [120090-0016](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Receptacle, M8 x 0.5 Mounting Threads, Straight Female, 3 Poles, 0.30m Length

**Documents:**

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

**Agency Certification**

UL E152210

**General**

Product Family	Industrial Receptacles
Series	<a href="#">120090</a>
IP Rating	IP67
MolexKits	Yes
NEMA Rating	NEMA 6
Overview	<a href="#">Brad® Nano-Change® &amp;#40;M8&amp;#41; Products</a>
Product Name	Nano-Change® (M8)
Type	Single Ended (pigtail)
UPC	78678833058

**Physical**

Coupling Type	Internal Thread
Gender	Female
Keyway	None
Length	0.30m
Material - Component	Nickel-plated Brass
Mounting Thread Size	M8 x 0.5
Net Weight	13.570/g
Orientation	Straight
Panel Mount	Front
Poles	3
Temperature Range - Operating	-20°C to +105°C
Wire Size AWG	24
Wire/Cable Type	N/A

**Electrical**

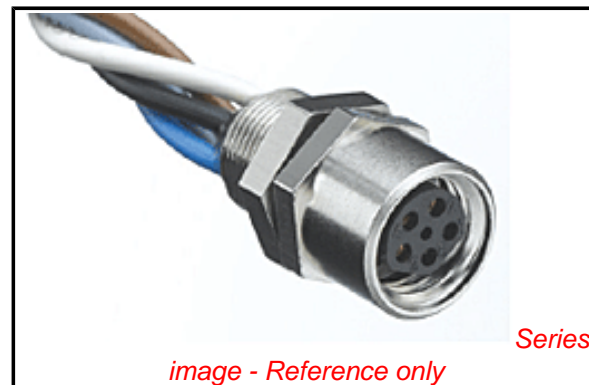
Current - Maximum per Contact	4A
Voltage - Maximum	60V AC / 75V DC

**Material Info**

Old Part Number	4R3P00A27C300
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**Reference - Drawing Numbers**

Sales Drawing	SD-120090-009
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*image - Reference only*

**EU RoHS**

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

**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](#)