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Part Number: [120090-0020](#)
Status: **Active**
Overview: [Brad® Nano-Change® (M8) 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® (M8) 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

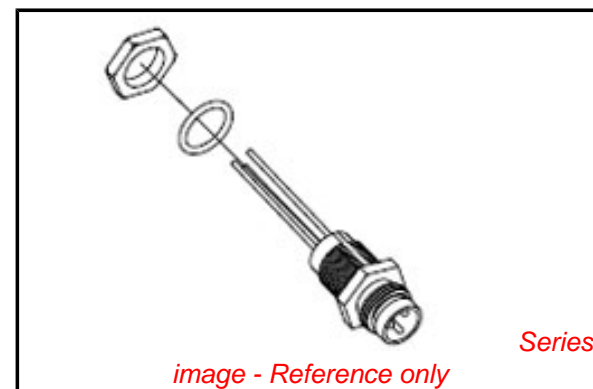


image - Reference only

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
 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](#)

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