

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [120090-5071](#)
Status: **Active**
Overview: [Brad® Nano-Change® (M8) Products](#)
Description: Nano-Change® (M8) Receptacle, M8 x 0.5 Mounting Threads, Straight Female, Male 0.30m Length, with 3 Poles on Mating Side

Documents:

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

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 | 883906784485 |

Physical

| | |
|-------------------------------|---------------------|
| Coupling Type | Internal Thread |
| Gender | Female |
| Keyway | None |
| Length | 0.20m |
| Material - Component | Nickel-plated Brass |
| Mounting Thread Size | M8 x 0.5 |
| Net Weight | 6.680/g |
| Orientation | Straight |
| Panel Mount | Back, Front |
| Poles | 3 |
| 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 | 4R3F30E02C200 |
|-----------------|---------------|

Reference - Drawing Numbers

| | |
|---------------|---------------|
| Sales Drawing | SD-120090-002 |
|---------------|---------------|

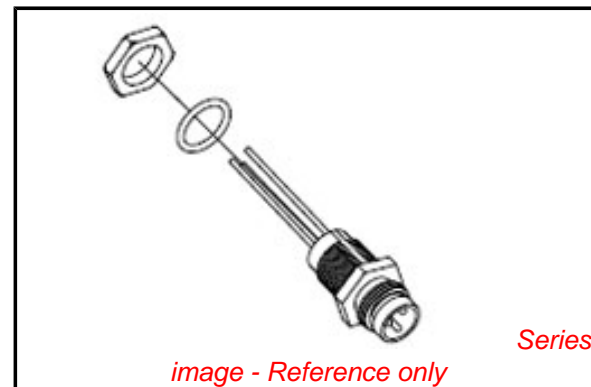


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

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.

Search Parts in this Series

[120090Series](#)