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Part Number: [1200905106](#)
Status: **Active**
Overview: [Brad Nano-Change \(M8\) Products](#)
Description: Nano-Change (M8) Receptacle, M8 x 0.5 Mounting Threads, Female (Straight) to Leads, 0.20m (7.87") Length, with 5 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 (M8) Products |
| Product Name | Nano-Change (M8) |
| Type | Single Ended (pigtail) |
| UPC | 883906784720 |

Physical

| | |
|-------------------------------|---------------------|
| Coupling Type | Internal Thread |
| Gender | Female |
| Keyway | B-coded |
| Length | 0.20m |
| Material - Component | Nickel-plated Brass |
| Mounting Thread Size | M8 x 0.5 |
| Net Weight | 7.884/g |
| Orientation | Straight |
| Panel Mount | Back, Front |
| Poles | 5 |
| Temperature Range - Operating | -25° to +90°C |
| Wire Size AWG | 24 |
| Wire/Cable Type | Leads |

Electrical

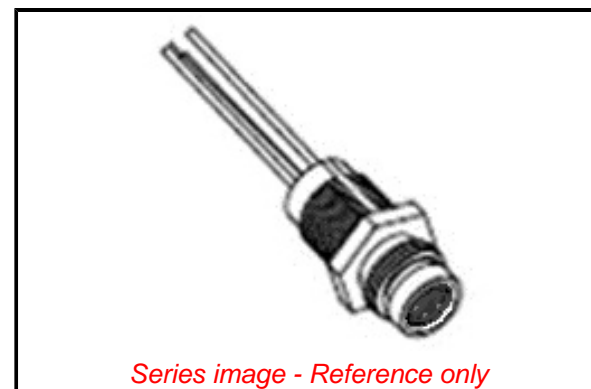
| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum | 60V AC / 75V DC |

Material Info

| | |
|--------------------|---------------|
| Engineering Number | 4R5F30E02C200 |
|--------------------|---------------|

Reference - Drawing Numbers

| | |
|---------------|-------------------|
| Sales Drawing | SD-120090-002-001 |
|---------------|-------------------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)

Lead

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

50 Image

Not Relevant

Not Contained

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[120090 Series](#)

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