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**Part Number:** [1200900020](#)  
**Status:** **Active**  
**Overview:** [Brad Nano-Change \(M8\) Products](#)  
**Description:** Nano-Change (M8) Receptacle, 3 Poles, M8 x 0.5 Mounting Threads, Male (Straight) to 22 AWG Leads, 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 \(M8\) 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 11.748/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 4.0A  
Voltage - Maximum 60V AC / 75V DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 003  
Lead-freeProcess Capability N/A  
Max. Cycles at Max. Process Temperature 003  
Process Temperature max. C 260

**Material Info**

Engineering Number 4R3P06A27C300

**Reference - Drawing Numbers**

Sales Drawing SD-120090-020



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with  
Exemption 6(c)**

**REACH SVHC**

Contained Per -  
ED/71/2019 (16 July  
2019)

Lead

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

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