

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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 E46237

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)
Taxonomy Circular Industrial Connectors
Type Single Ended (pigtail)
UPC 78678833056

Physical

Coupling Type External Thread
Gender Male
Keyway A-coded
Length 0.30m
Material - Component Nickel-plated Brass
Mounting Thread Size M8 x 0.5
Net Weight 3.200/g
Orientation Straight
Panel Mount Front
Poles 3
Temperature Range - Operating -20° to +105°C
Wire Size AWG 24
Wire/Cable Type UL 1569

Electrical

Current - Maximum per Contact 3.0A
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-120090-020-001



EU ELV

Not Relevant

EU RoHS

**Compliant with
Exemption 6(c)**

REACH SVHC

Contained Per -
D(2022)4187-DC (10
June 2022)
Lead

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

ZZCERT_CE -

Declaration of

Conformity

ZZCERT_UKCA

- Declaration of

Conformity

China RoHS

50 Image

Not Relevant

Not Contained

CER_4000380967_00_000.pdf

CER_4000410285_00_000.pdf

Search Parts in this Series

[120090 Series](#)

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION