

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [120090020](#)
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)
 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

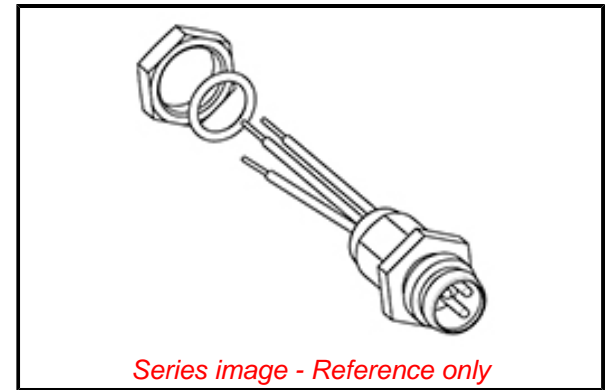
Duration at Max. Process Temperature (seconds) 003
 Lead-free Process Capability N/A
 Max. Cycles at Max. Process Temperature 003
 Process Temperature max. C 260

Material Info

Engineering Number 4R3P06A27C300

Reference - Drawing Numbers

Sales Drawing SD-120090-020



EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per - ECHA_01_2020 (16 January 2020)

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

Search Parts in this Series

[120090 Series](#)