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Part Number: [1205020003](#)
Status: **Active**
Overview: [Brad® M12 Power Connector System](#)
Description: Brad® M12 Power Receptacle, 4 Poles, Female (Straight) to 14 AWG Leads, F-Coded, Front Panel Mount, 0.30m (11.81") Length

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-120500-001-001 \(PDF\)](#)

General

Product Family	Industrial Receptacles
Series	120502
Application	Power
IP Rating	IP67
Overview	Brad® M12 Power Connector System
Product Name	Brad® M12 Power
Type	Single Ended (pigtail)
UPC	78172541843

Physical

Coupling Type	Push to Lock
Gender	Female
Keyway	F-coded
Length	0.30m
Material - Component	Nickel-plated Brass
Mounting Thread Size	M12
Orientation	Straight
Panel Mount	Front
Poles	4
Temperature Range - Operating	-20°C to +105°C
Wire Size AWG	14
Wire/Cable Type	Leads

Electrical

Current - Maximum per Contact	16.0A
Voltage - Maximum	300V AC (RMS)/DC

Material Info

Engineering Number	FRP4U30F01C3003
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Reference - Drawing Numbers

Product Specification	PS-120500-001-001
Sales Drawing	SD-120502-003

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Not Contained Per - ED/108/2014 (17 Dec 2014)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[120502](#) Series

Mates With

Brad® M12 F-Coded Power Male Single-Ended Cordset [120500](#) , Brad® M12 F-Coded Power Male Double-Ended Cordset [120501](#)

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