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Part Number: [1205010001](#)
Status: **Active**
Overview: [Brad® M12 Power Connector System](#)
Description: Brad® M12 Power Double-Ended Cordset, 4 Poles, Female (Straight) to Male (Straight), F-Coded, 14 AWG, TC-ER (K18) Cable, 1.0m (3.78') Length

Documents:

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

General

Product Family Industrial Cordsets
Series [120501](#)
Application Power
Connector End A Ultra-Lock® (M12)
Connector End B Ultra-Lock® (M12)
IP Rating IP67
Overview [Brad® M12 Power Connector System](#)
Product Name Brad® M12 Power
Type Double Ended
UPC 78172540694

Physical

Cable Diameter 17.53-22.35mm (.690-.880")
Cable Length 1.0m (3.28')
Color - Cable Jacket Black
Coupling Style Push to Lock
Gender Female-Male
Keyway F-coded
Material - Cable Jacket TPE
Material - Connector Body Nickel-plated Brass
Material - Contact Copper Alloy
Material - Coupling Nut Nickel-plated Brass
Material - O-Ring Viton
Material - Plating Mating Gold over Nickel
Orientation Straight
Poles 4
Temperature Range - Operating -20°C to +90°C
Wire Size AWG 14
Wire/Cable Type TC-ER

Electrical

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

Material Info

Old Part Number SS4030K18M010

Reference - Drawing Numbers

Product Specification PS-120500-001
Sales Drawing SD-120501-001

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

Not 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

Search Parts in this Series

[120501](#) Series

Mates With

Brad® M12 F-Coded Power Receptacles
[120502](#)