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Part Number: [1205000002](#)
Status: **Active**
Overview: [Brad® M12 Power Connector System](#)
Description: Brad® M12 Power Single-Ended Cordset, 4 Poles, Female (90°) to Pigtail, F-Coded, 14 AWG, TC-ER (K18) Cable, 2.0m (6.56') Length

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

General
Product Family Industrial Cordsets
Series [120500](#)
Application Power
Connector End A Ultra-Lock® (M12)
Connector End B Pigtail
IP Rating IP67
Overview [Brad® M12 Power Connector System](#)
Product Name Brad® M12 Power
Type Single Ended
UPC 78172540693

Physical
Cable Diameter 17.53-22.35mm (.690-.880")
Cable Length 2.0m (6.56')
Color - Cable Jacket Black
Coupling Style Push to Lock
Gender Female
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 Fluoro-elastomer
Material - Plating Mating Gold over Nickel
Orientation 90° Angle
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 S04001K18M020

Reference - Drawing Numbers
Product Specification PS-120500-001
Sales Drawing SD-120500-003



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China 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
[120500](#) Series

Mates With
Brad® M12 F-Coded Power Male Receptacle [120502](#)