Part Number: 1205010004

Status: Active

Overview: Brad® M12 Power Connector System

Description: Brad® M12 Power Double-Ended Cordset, 4 Poles, Female (90°) to Male (90°), 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	78172541842

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	Fluoro-elastomer
Material - Plating Mating	Gold over Nickel
Orientation	90° to 90°
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	SS4033K18M010

Reference - Drawing Numbers

Product Specification	PS-120500-001
Sales Drawing	SD-120501-004

EU ELV
Not Relevant

EU RoHS
Compliant with Exemption 6(c)

China RoHS

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