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Part Number: [1200945022](#)

Status: **Active**

Overview: Brad® M23 Signal and Power Connectors

Description: Brad® M23 Single-Ended Cordset, 12 Poles, Female (Straight) to Pigtail, 18/22 AWG, PUR Cable, 10.0m (32.81') Length

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|--------------------|-------------------------------------------------------|
| Product Family | Industrial Cordsets |
| Series | 120094 |
| Connector End A | M23 |
| Connector End B | Pigtail |
| IP Rating | IP67 |
| Material - Contact | Copper Alloy |
| Overview | Brad® M23 Signal and Power Connectors |
| Product Name | Brad® M23 |
| Protocol | N/A |
| Region | America, Asia, Europe |
| Type | Single Ended |
| UPC | 883906319571 |

Physical

| | |
|-------------------------------|---------------------|
| Cable Diameter | 9.40mm (.370") |
| Cable Length | 10.0m (32.81') |
| Color - Cable Jacket | Black |
| Coupling Style | Threaded |
| Gender | Female-Pigtail |
| Keyway | None |
| LED Indicator | No |
| Material - Cable Jacket | PUR |
| Material - Connector Body | TPU |
| Material - Coupling Nut | Nickel-plated Brass |
| Material - Plating Mating | Gold over Nickel |
| Orientation | Straight to Pigtail |
| Poles | 12 |
| Temperature Range - Operating | -25°C to +90°C |
| Wire Size AWG | 18, 22 |
| Wire/Cable Type | N/A |

Electrical

| | |
|-------------------------------|-----------|
| Current - Maximum per Contact | 6.0A |
| Voltage - Maximum | 63V AC/DC |

Material Info

| | |
|--------------------|---------------|
| Engineering Number | K02100P80M100 |
|--------------------|---------------|

Reference - Drawing Numbers

| | |
|---------------|---------------|
| Sales Drawing | SD-120094-003 |
|---------------|---------------|



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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 | Not Reviewed |
| ELV | Not Reviewed |
| RoHS Phthalates | Not Reviewed |

Search Parts in this Series

[120094 Series](#)