



**Part Number :** [1204800537](#)

**Product Description :** Brad M23 Power Single-Ended Cordset, 6 Poles, Male (Straight) to Pigtail, 16 AWG, Orange Shielded TPU WSOR Cable, 10.0m (32.81') Length

**Series Number :** 120480

**Status :** Active

**Product Category :** Circular Industrial Cordsets

**Engineering Number :** K0P6S06W01M100



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## Documents & Resources

### Drawings

[1204800537\\_sd.pdf](#)

### 3D Models and Design Files

[1204800537\\_stp.zip](#)

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## Product Environment Compliance

### Compliance

|                    |                                               |
|--------------------|-----------------------------------------------|
| GADSL/IMDS         | Not Relevant                                  |
| China RoHS         | Not Relevant                                  |
| EU ELV             | Not Reviewed per 2000/53/EC                   |
| Low-Halogen Status | Not Relevant                                  |
| REACH SVHC         | Not Reviewed per D(2024)6225-DC (07 Nov 2024) |
| EU RoHS            | Compliant with Exemption 6(c) per EU 2015/863 |

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

### [Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

|              |                                                                                                                                         |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                  |
| Category     | Circular Industrial Cordsets                                                                                                            |
| Series       | 120480                                                                                                                                  |
| Description  | Brad M23 Power Single-Ended Cordset, 6 Poles, Male (Straight) to Pigtail, 16 AWG, Orange Shielded TPU WSOR Cable, 10.0m (32.81') Length |
| Comments     | WSOR Cable Jacket                                                                                                                       |
| IP Rating    | IP67                                                                                                                                    |
| Product Name | Brad M23                                                                                                                                |
| Protocol     | N/A                                                                                                                                     |
| Type         | Single Ended                                                                                                                            |
| UPC          | 889056617932                                                                                                                            |

### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 18.0A |
| Voltage - Maximum             | 600V  |

### Physical

|                      |                 |
|----------------------|-----------------|
| Cable Diameter       | 11.10mm (.437") |
| Cable Length         | 10.0m (32.81')  |
| Color - Cable Jacket | Orange          |
| Connector End A      | M23             |
| Connector End B      | Pigtail         |
| Coupling Style       | Threaded        |
| Gender               | Male-Pigtail    |
| Keyway               | Multiple        |
| LED Indicator        | No              |

|                               |                     |
|-------------------------------|---------------------|
| Material - Cable Jacket       | TPU                 |
| Material - Connector Body     | TPU                 |
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Brass               |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 1201.000/g          |
| Orientation                   | Straight to Pigtail |
| Poles                         | 6                   |
| Temperature Range - Operating | -25° to +85°C       |
| Wire/Cable Type               | UL 21939            |
| Wire Size (AWG)               | 16                  |

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## Mates With / Use With

### Mates with Part(s)

| Description                | Part Number   |
|----------------------------|---------------|
| Brad M23 Signal Connectors | <u>120233</u> |
| Brad M23 Signal Connectors | <u>120234</u> |