



Part Number : [1204800528](#)

Product Description : Brad M23 Power Single-Ended Cordset, 6 Poles, Female (Straight) to Pigtail, 16 AWG, Orange Shielded TPU WSOR Cable, 5.0m (16.40') Length

Series Number : 120480

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Number : K0P6S00W01M050



Documents & Resources

Drawings

[1204800528_sd.pdf](#)

3D Models and Design Files

[1204800528_stp.zip](#)

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)7663-DC (21 Jan 2025) |
| EU RoHS | Not Reviewed 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

Part Details

General

| | |
|--------------|--|
| Status | Active |
| Category | Circular Industrial Cordsets |
| Series | 120480 |
| Description | Brad M23 Power Single-Ended Cordset, 6 Poles, Female (Straight) to Pigtail, 16 AWG, Orange Shielded TPU WSOR Cable, 5.0m (16.40') Length |
| Comments | WSOR Cable Jacket |
| IP Rating | IP67 |
| Product Name | Brad M23 |
| Protocol | N/A |
| Type | Single Ended |
| UPC | 889056617840 |

Electrical

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

Physical

| | |
|----------------------|-----------------|
| Cable Diameter | 11.10mm (.437") |
| Cable Length | 5.0m (16.40') |
| Color - Cable Jacket | Orange |
| Connector End A | M23 |
| Connector End B | Pigtail |
| Coupling Style | Threaded |
| Gender | Female-Pigtail |
| Keyway | Multiple |
| LED Indicator | None |

| | |
|-------------------------------|---------------------|
| Material - Cable Jacket | TPU |
| Material - Connector Body | TPU |
| Material - Contact | Copper Alloy |
| Material - Coupling Nut | Brass |
| Material - Plating Mating | Gold |
| Net Weight | 512.000/g |
| Orientation | Straight to Pigtail |
| Poles | 6 |
| Temperature Range - Operating | -25° to +85°C |
| Wire/Cable Type | UL 21939 |
| Wire Size (AWG) | 16 |

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> |