



**Part Number :** [1204800462](#)

**Product Description :** Brad M23 Power Single-Ended Cordset, 8 Poles, Female (Straight) to Pigtail, 19-16 AWG, WSOR Cable, 3.0m (9.84') Length

**Series Number :** 120480

**Status :** Active

**Product Category :** Circular Industrial Cordsets

**Engineering Number :** K0P8S00W03M030



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## Documents & Resources

### Drawings

[1204800462\\_sd.pdf](#)

### 3D Models and Design Files

[1204800462\\_stp.zip](#)

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## Product Environment Compliance

### Compliance

|                    |              |
|--------------------|--------------|
| China RoHS         | Not Reviewed |
| EU ELV             | Not Reviewed |
| Low-Halogen Status | Not Reviewed |
| REACH SVHC         | Not Reviewed |
| EU RoHS            | Not Reviewed |

### 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

## Part Details

### General

|              |  |
|--------------|--|
| Status       | Active   |
| Category     | Circular Industrial Cordsets   |
| Series       | 120480   |
| Description  | Brad M23 Power Single-Ended Cordset, 8 Poles, Female (Straight) to Pigtail, 19-16 AWG, WSOR Cable, 3.0m (9.84') Length |
| Comments     | WSOR Cable Jacket  |
| IP Rating    | IP67   |
| Product Name | Brad M23   |
| Protocol     | N/A  |
| Type         | Single Ended   |
| UPC          | 889056617468   |

### Electrical

|                               |              |
|-------------------------------|--------------|
| Current - Maximum per Contact | 12.0A, 18.0A |
| Voltage - Maximum             | 300V / 600V  |

### Physical

|                           |                 |
|---------------------------|-----------------|
| Cable Diameter            | 12.10mm (.480") |
| Cable Length              | 3.0m (9.84')    |
| Color - Cable Jacket      | Orange          |
| Connector End A           | M23             |
| Connector End B           | Pigtail         |
| Coupling Style            | Threaded        |
| Gender                    | Female-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                |
| Orientation                   | Straight to Pigtail |
| Poles                         | 8                   |
| Temperature Range - Operating | -25° to +85°C       |
| Wire/Cable Type               | WSOR                |
| Wire Size (AWG)               | 16, 19              |

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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> |