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**Part Number:** [1204800590](#)  
**Status:** **Active**  
**Overview:** Brad M23 Signal and Power Connectors  
**Description:** Brad M23 Power Double-Ended Cordset, 8 Poles, Male (Straight) to Female (Straight), 19/16 AWG, WSOR Cable, 3.0m (9.84') Length

**Documents:**

[3D Model](#) [Drawing \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                    |  |
|--------------------|--|
| Product Family     | Industrial Cordsets                                  |
| Series             | <a href="#">120480</a>                               |
| Comments           | WSOR Cable Jacket                                    |
| Connector End A    | M23  |
| Connector End B    | M23  |
| IP Rating          | IP67   |
| Material - Contact | Copper Alloy   |
| Overview           | <a href="#">Brad M23 Signal and Power Connectors</a> |
| Product Name       | Brad M23   |
| Protocol           | N/A  |
| Type               | Double Ended   |
| UPC                | 889056593861   |

**Physical**

|                               |                      |
|-------------------------------|----------------------|
| Cable Diameter                | 12.10mm (.480")      |
| Cable Length                  | 3.0m (9.84')         |
| Color - Cable Jacket          | Orange               |
| Coupling Style                | Threaded             |
| Gender                        | Female-Male          |
| Keyway                        | Multiple             |
| LED Indicator                 | No                   |
| Material - Cable Jacket       | TPU                  |
| Material - Connector Body     | TPU                  |
| Material - Coupling Nut       | Brass                |
| Material - Plating Mating     | Gold                 |
| Orientation                   | Straight to Straight |
| Poles                         | 8                    |
| Temperature Range - Operating | -25°C to +85°C       |
| Wire Size AWG                 | 16, 19               |
| Wire/Cable Type               | WSOR                 |

**Electrical**

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

**Material Info**

|                    |                |
|--------------------|----------------|
| Engineering Number | KKP8S30W03M030 |
|--------------------|----------------|

**Reference - Drawing Numbers**

|               |                |
|---------------|----------------|
| Sales Drawing | 1204800588-000 |
|---------------|----------------|



*Series image - Reference only*

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[120480](#) Series

**Mates With**

M23 Field Attachable Connector [120233](#) ,  
M23 Receptacle [120234](#)