



Part Number : [1204800468](#)

Product Description : Brad M23 Power Single-Ended Cordset, 8 Poles, Male (Straight) to Pigtail, 19-16 AWG, Orange TPU WSOR Cable, 1.0m (3.28') Length

Series Number : 120480

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Number : K0P8S06W03M010



Documents & Resources

Drawings

[1204800468_sd.pdf](#)

3D Models and Design Files

[1204800468_stp.zip](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Reviewed per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
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, 8 Poles, Male (Straight) to Pigtail, 19-16 AWG, Orange TPU WSOR Cable, 1.0m (3.28') Length
Comments	WSOR Cable Jacket
IP Rating	IP67
Product Name	Brad M23
Protocol	N/A
Type	Single Ended
UPC	889056617727

Electrical

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

Physical

Cable Diameter	12.10mm (.480")
Cable Length	1.0m (3.28')
Color - Cable Jacket	Orange
Connector End A	M23
Connector End B	Pigtail
Coupling Style	Threaded
Gender	Male-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	45.078/g
Orientation	Straight to Pigtail
Poles	8
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	UL 21939
Wire Size (AWG)	16, 19

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>