



Part Number : [1204800589](#)

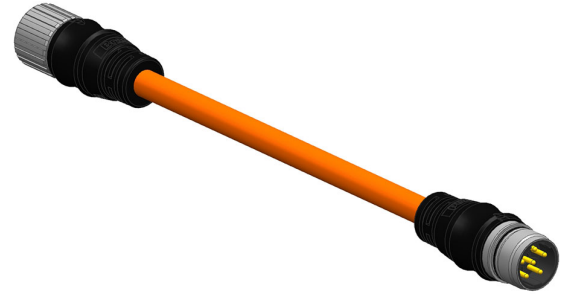
Product Description : Brad M23 Power Double-Ended Cordset, 8 Poles, Male (Straight) to Female (Straight), 18/14 AWG, Orange Shielded TPU WSOR Cable, 2.0m (6.56') Length

Series Number : 120480

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Number : KKP8S30W03M020



Documents & Resources

Drawings

[1204800589_sd.pdf](#)

3D Models and Design Files

[1204800589_stp.zip](#)

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 Double-Ended Cordset, 8 Poles, Male (Straight) to Female (Straight), 18/14 AWG, Orange Shielded TPU WSOR Cable, 2.0m (6.56') Length
Comments	WSOR Cable Jacket
IP Rating	IP67
Product Name	Brad M23
Protocol	N/A
Type	Double Ended
UPC	889056617970

Electrical

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

Physical

Cable Diameter	12.10mm (.480")
Cable Length	2.0m (6.56')
Color - Cable Jacket	Orange
Connector End A	M23
Connector End B	M23
Coupling Style	Threaded
Gender	Female-Male
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	145.000/g
Orientation	Straight to Straight
Poles	8
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	UL 21939
Wire Size (AWG)	18, 14

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>