

Part Number : 1204800525
Product Description : Brad M23 Power Single-Ended Cordset, 6 Poles, Female (Straight) to Pigtail, 16 AWG, Orange Shielded TPU WSOR Cable, 2.0m (6.56') Length
Series Number : 120480
Status : Active
Product Category : Industrial Cable Assemblies
Engineering Part Number : K0P6S00W01M020

Documents and Resources

Drawings

1204800525_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

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(2025)7771-DC (04 Feb 2026)
EU RoHS	Not Reviewed per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

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- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Industrial Cable Assemblies
Series	120480
Description	Brad M23 Power Single-Ended Cordset, 6 Poles, Female (Straight) to Pigtail, 16 AWG, Orange Shielded TPU WSOR Cable, 2.0m (6.56') Length
Comments	WSOR Cable Jacket
IP Rating	IP67
Product Name	Brad M23
Type	Single Ended
UPC	889056617819

Electrical

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

Physical

Cable Diameter	11.10mm (.437")
Cable Length	2.0m (6.56')
Color - Cable Jacket	Orange
Connector End A	M23
Connector End B	Pigtail
Coupling Style	Threaded
Gender	Female-Pigtail
Keyway	Multiple

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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	222.000/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	120233
Brad M23 Signal Connectors	120234

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