molex



Part Number : 1204800537
Product Description : Brad M23 Power Single-Ended Cordset, 6 Poles, Male (Straight) to Pigtail, 16 AWG, Orange Shielded TPU WSOR Cable, 10.0m (32.81') Length
Series Number : 120480
Status : Active
Product Category : Circular Industrial Cordsets
Engineering Part Number : K0P6S06W01M100

Documents and Resources

Drawings

1204800537_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)6375-DC (05 Nov 2025) SCIP:a8b6af20-e731-45d8-9f93-e8688a3aac82
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

UKCA - Declaration of Conformity

CE - Declaration of Conformity

Part Details

General

Status	Active
Category	Circular Industrial Cordsets
Series	120480
Description	Brad M23 Power Single-Ended Cordset, 6 Poles, Male (Straight) to Pigtail, 16 AWG, Orange Shielded TPU WSOR Cable, 10.0m (32.81') Length
Comments	WSOR Cable Jacket
IP Rating	IP67
Product Name	Brad M23
Protocol	N/A
Type	Single Ended
UPC	889056617932

Electrical

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

Physical

Cable Diameter	11.10mm (.437")
Cable Length	10.0m (32.81')

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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	1201.000/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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