molex



Part Number : 1204800470
Product Description : Brad M23 Power Single-Ended Cordset, 8 Poles, Male (Straight) to Pigtail, 19-16 AWG, WSOR Cable, 3.0m (9.84') Length
Series Number : 120480
Status : Active
Product Category : Industrial Cable Assemblies
Engineering Part Number : K0P8S06W03M030

Documents and Resources

Drawings

1204800470_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

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

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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

Part Details

General

Status	Active
Category	Industrial Cable Assemblies
Series	120480
Description	Brad M23 Power Single-Ended Cordset, 8 Poles, Male (Straight) to Pigtail, 19-16 AWG, WSOR Cable, 3.0m (9.84') Length
Comments	WSOR Cable Jacket
IP Rating	IP67
Product Name	Brad M23
Type	Single Ended
UPC	889056617741

Electrical

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

Physical

Cable Diameter	12.10mm (.480")
Cable Length	3.0m (9.84')
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
Orientation	Straight to Pigtail
Poles	8
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	WSOR
Wire Size (AWG)	16, 19

Mates With / Use With

Mates with Part(s)

Description	Part Number
Brad M23 Signal Connectors	120233
Brad M23 Signal Connectors	120234