



Part Number : [1200650951](#)
Product Description : M12 Signal, A-Coded, Single-Ended Cordset, 8 Poles, Female (Straight) to Pigtail, 24 AWG, Black PUR/PVC Cable, 2.0m (6.56') Length
Series Number : 120065
Status : Active
Product Category : Industrial Cable Assemblies
Engineering Part Number : 808000P02M020



Documents and Resources

- Drawings**
[1200650951 sd.pdf](#)
[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead; Triphenyl-phosphate per D(2025)6375-DC (05 Nov 2025) SCIP:10d42a03-64aa-4003-bc37-9c8441098953
EU RoHS	Not Compliant 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
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

CE - Declaration of Conformity

UKCA - Declaration of Conformity

Part Details

General

Status	Active
Category	Industrial Cable Assemblies
Series	120065
Description	M12 Signal, A-Coded, Single-Ended Cordset, 8 Poles, Female (Straight) to Pigtail, 24 AWG, Black PUR/PVC Cable, 2.0m (6.56') Length
IP Rating	IP67
Product Name	M12 Signal, Micro-Change (M12)
Type	Single Ended
UPC	78172553727

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	30V

Physical

Cable Diameter	6.80mm (.268")
Cable Length	2.0m (6.56')
Color - Cable Jacket	Black
Connector End A	Micro-Change (M12)

Connector End B	Pigtail
Coupling Style	Threaded
Gender	Female-Pigtail
Keyway	A-Coded
LED Indicator	None
Material - Cable Jacket	PUR/PVC
Material - Connector Body	TPU
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	Fluoro-elastomer
Material - Plating Mating	Gold
Net Weight	141.254/g
Orientation	Straight to Pigtail
Poles	8
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	Flex
Wire Size (AWG)	24