Part Number : 1202480142
Product Description : M12 Signal, A-Coded, MPIS Passive Distribution Box, Top-Mount, 5 Poles, 4 Ports, PNP LED Indicators, Field Attachable Home Run Connection
Series Number : 120248
Status : Active
Product Category : Passive Distribution Boxes
Engineering Part Number : BTB405P-FBA

Documents and Resources

Drawings

1202480142_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	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

Part Details

General

Status	Active
Category	Passive Distribution Boxes
Series	120248
Description	M12 Signal, A-Coded, MPIS Passive Distribution Box, Top-Mount, 5 Poles, 4 Ports, PNP LED Indicators, Field Attachable Home Run Connection
IP Rating	IP67
Product Name	M12 Signal,Micro-Change (M12),MPIS
UPC	191128395533

Electrical

Current - Maximum per Contact	12.0A per module, 4.0A per port
Functional Wiring	PNP
Voltage - Maximum	10-30V DC
Wiring Configuration	Dual I/O per Port

Physical

Bus I/O	Micro-Change (M12)
Cable Connector Orientation	90° Angle
Home Run Cable Length	N/A
Home Run Connector	Terminal Strip
Home Run Interface	Terminal Strip
Keyway	A-Coded
LED Indicator	PNP Sensors
Material - Cable Jacket	N/A
Material - Housing	PBT

Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Net Weight	286.320/g
Orientation	Top-Mount
Poles	5
Poles (wired)	5
Ports	4
Temperature Range - Operating	-25° to +85°C