molex



Part Number : 1201140086
Product Description : M12 Signal, A-Coded, MPIS Passive Distribution Box, Top-Mount, 5 Poles, 8 Ports, No LED Indicators, Field Wireable Home Run Connection
Series Number : 120114
Status : Active
Product Category : Passive Distribution Boxes
Engineering Part Number : BTY8030-FBA

Documents and Resources

Drawings

1201140086_sd.pdf

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	Not Reviewed per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant with Exemption 6(c) 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	Passive Distribution Boxes
Series	120114
Description	M12 Signal, A-Coded, MPIS Passive Distribution Box, Top-Mount, 5 Poles, 8 Ports, No LED Indicators, Field Wireable Home Run Connection
IP Rating	IP67
Product Name	M12 Signal,Micro-Change (M12),MPIS
UPC	78678848910

Agency

CSA	LR6837
UL	E152210

Electrical

Current - Maximum per Contact	12.0A per module, 4.0A per port
Functional Wiring	Parallel
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	None
Material - Cable Jacket	N/A
Material - Housing	PBT
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Net Weight	274.876/g
Orientation	Top-Mount
Poles	5
Poles (wired)	5
Ports	8
Temperature Range - Operating	-25° to +90°C