Part Number : 1202480049
Product Description : M12 Signal, A-Coded, MPIS Passive Distribution Box, Top-Mount, 5 Poles, 8 Ports, PNP LED Indicators, WSOR Home Run Cable, 5.0m (16.4') Length
Series Number : 120248
Status : Active
Product Category : Passive Distribution Boxes
Engineering Part Number : BTB805P-FBW-05



Documents and Resources

Drawings

1202480049_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	Contains Lead; Triphenyl-phosphate 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)

Downloaded from Arrow.com.

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	Passive Distribution Boxes
Series	120248
Description	M12 Signal, A-Coded, MPIS Passive Distribution Box, Top-Mount, 5 Poles, 8 Ports, PNP LED Indicators, WSOR Home Run Cable, 5.0m (16.4') Length
IP Rating	IP67
Product Name	M12 Signal,Micro-Change (M12),MPIS
UPC	889056140942

Agency

UL	E152210

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	N/A
Cable Connector Orientation	Straight
Home Run Cable Length	5.0m
Home Run Connector	N/A

Downloaded from Arrow.com.

Home Run Interface	Pigtail
Keyway	A-Coded
LED Indicator	PNP Sensors
Material - Cable Jacket	TPU
Material - Housing	PBT
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Net Weight	906.563/g
Orientation	Top-Mount
Poles	5
Poles (wired)	5
Ports	8
Temperature Range - Operating	-25° to +85°C
Wire/Cable Type	TPU (WSOR)

Downloaded from Arrow.com.