



Part Number : [1202480520](#)
Product Description : Brad Safety MPIS
Distribution Box, Top-Mount, 4 Ports / 5-Pole,
LED, with Integral M12 (4-Pole) Home Run
Connector
Series Number : 120248
Status : Active
Product Category : Passive Distribution Boxes
Engineering Number : BTR4300-FBF



Documents & Resources

Drawings
[Drawing 1202480520_sd.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Reviewed per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

Part Details

General

Status	Active
Category	Passive Distribution Boxes
Series	120248
Description	Brad Safety MPIS Distribution Box, Top-Mount, 4 Ports / 5-Pole, LED, with Integral M12 (4-Pole) Home Run Connector
IP Rating	IP67
Product Family	Brad Passive-Signal and Safety MPIS Boxes
Product Name	Brad Safety,MPIS
UPC	889056632980

Electrical

Current - Maximum per Contact	12.0A per module, 4.0A per port
Functional Wiring	Safety
Voltage - Maximum	10-30V DC
Wiring Configuration	Safety Wiring

Physical

Bus I/O	N/A
Cable Connector Orientation	N/A
Home Run Cable Length	N/A
Home Run Connector	Micro-Change (M12) - 4 pole
Home Run Interface	Integrated Connector
Keyway	A-coded
LED Indicator	Safety
Material - Cable Jacket	N/A
Material - Housing	PBT
Material - Metal	Copper Alloy
Material - Plating Mating	Gold

Net Weight	209.890/g
Orientation	Top-Mount
Poles	5
Poles (wired)	5
Ports	4
Temperature Range - Operating	-25°C to +85°C

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