

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1202480520](#)
Status: **Active**
Overview: Brad Passive-Signal and Safety MPIS Boxes
Description: Brad Safety MPIS Distribution Box, Top-Mount, 4 Ports / 5-Pole, LED, with Integral M12 (4-Pole) Home Run Connector

Documents:

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Passive Distribution Boxes
Series	120248
IP Rating	IP67
Overview	Brad Passive-Signal and Safety MPIS Boxes
Product Name	Brad Safety, MPIS
Taxonomy	Passive Distribution Boxes
UPC	889056632980

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
Wiring Configuration	Safety Wiring

Electrical

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

Material Info

Engineering Number	BTR4300-FBF
--------------------	-------------

Reference - Drawing Numbers

Sales Drawing	1202480520-000
---------------	----------------



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

ZZCERT_CE -

Declaration of

Conformity

ZZCERT_UKCA

- Declaration of

Conformity

China RoHS

50 Image

Not Relevant

Not Contained

CER_4000381000_00_000.pdf

CER_4000410298_00_000.pdf

Search Parts in this Series

[120248 Series](#)