

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1202480500](#)
Status: **Active**
Overview: Brad Passive-Signal and Safety MPIS Boxes
Description: Brad Safety MPIS Distribution Box, Top-Mount, 8 Ports - 5-Pole (4) and 8-Pole (4), LED, WSOR Cable, 5.0m Length

Documents:

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

Agency Certification

UL E152210

General

Product Family Passive Distribution Boxes
 Series [120248](#)
 IP Rating IP67
 Overview [Brad Passive-Signal and Safety MPIS Boxes](#)
 Product Name Brad Safety, MPIS
 UPC 889056632928

Physical

Bus I/O N/A
 Cable Connector Orientation Straight
 Cable Length 5.0m
 Home Run Cable Length 5.0m
 Home Run Connector N/A
 Home Run Interface Pigtail
 Keyway A-coded
 LED Indicator Safety
 Material - Cable Jacket TPU
 Material - Housing PBT
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Net Weight 1074.240/g
 Orientation Top-Mount
 Poles 5, 8
 Poles (wired) 5, 8
 Ports 8
 Temperature Range - Operating -25°C to +85°C
 Wire/Cable Type WSOR
 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 BTB851P-FBW-05

Reference - Drawing Numbers

Sales Drawing 1202480500-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per - D(2020)9139-DC (19 Jan 2021)

Lead

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[120248 Series](#)

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Circular Metric Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[600X518037X](#) [6STD15PCR99B70A](#) [8R4000A16M020](#) [8R5000A16M005](#) [1200910002](#) [1203580030](#) [1200910008](#) [1200910011](#) [1300140094](#)
[130203-0054](#) [1300140026](#) [1300150099](#) [RF-12S1N8A90DU](#) [1-3637-600-5205](#) [1612618](#) [21036836414](#) [8R4006A16M010](#) [1R3006A20M005](#)
[RF-12P1N8A90DU](#) [41-40011](#) [42-00006](#) [42-01015](#) [4-22279-4](#) [4-22281-1](#) [4-22284-9](#) [43-00113](#) [43-01088](#) [43-01203](#) [41-40013](#) [42-00008](#) [43-](#)
[00343](#) [43-01026](#) [43-01162](#) [43-01173](#) [43-10000](#) [XS3P-M421-2](#) [600X518050X](#) [SACC-DSI-FS-5P-PG9-L180 SC](#) [8R5006A16M020](#)
[8R5006A16M005](#) [8R4000A16M010](#) [6-22279-3](#) [1605332](#) [N03FA03144](#) [1300140077](#) [43-16213](#) [43-01338](#) [XS2RD4265](#) [XS2R-D426-1](#)
[XS8A-0441](#)