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**Part Number:** [1202470012](#)  
**Status:** **Active**  
**Overview:** Brad Passive-Signal and Safety MPIS Boxes  
**Description:** MPIS Nano-Change (M8) Passive Junction Box, Top-Mount, 8 Ports, LED for PNP Sensor, WSOR Cable, 5.0m Length  
**Replacement Part Number :** <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=12011300141201130014>

**Documents:**

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

**Agency Certification**

UL E152210

**General**

Product Family Passive Distribution Boxes  
 Series [120247](#)  
 IP Rating IP67, IP68  
 Overview [Brad Passive-Signal and Safety MPIS Boxes](#)  
 Product Name MPIS  
 Replacement Part Number [1201130014](#)  
 UPC 889056129688

**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 PNP Sensors  
 Material - Cable Jacket TPU  
 Material - Housing PBT  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Net Weight 783.624/g  
 Orientation Top-Mount  
 Poles 3  
 Poles (wired) 3  
 Ports 8  
 Temperature Range - Operating -25°C to +85°C  
 Wire/Cable Type WSOR  
 Wiring Configuration Single I/O per Port

**Electrical**

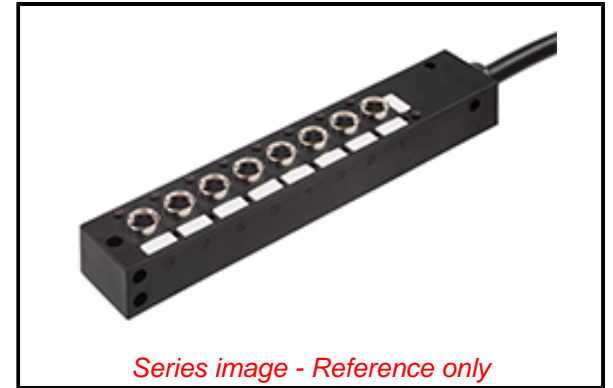
Current - Maximum per Contact 2.0A per port, 6.0A per module  
 Functional Wiring PNP  
 Voltage - Maximum 10-30V DC

**Material Info**

Engineering Number BEB801P-FBW-05

**Reference - Drawing Numbers**

Sales Drawing 1202470010-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per -  
 D(2021)4569-DC (8 July 2021)  
 Methylhexahydrophthalic anhydride  
 Perfluorononan-1-oic acid  
 (2,2,3,3,4,4,5,5,6,6,7-Dioctyltin dilaurate, stannane, dioctyl-, bis(co) Fluoranthene  
 Perfluorobutane sulfonic acid (PFBS) and its sal  
 Nonadecafluorodecanoic acid (PFDA) and its sodiu  
 Aluminosilicate  
 Refractory Ceramic Fibres  
 Dibutylbis(pentane-2,4-dionato-O,O')tin  
 Disodium-octaborate  
 1,3-Propanesultone  
 1,2-Benzenedicarboxylic acid, bis(3-methylbutyl)  
 Disodium 3,3'-[[1,1'-Biphenyl]-4,4'-Diylbis(Azo) Decamethylcyclopentasiloxane  
 Octanoic acid,  
 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pen  
 Benzo(ghi)perylene

**China RoHS**

bis(2-(2-methoxyethoxy)ethyl) ether  
4-aminoazobenzene  
Cadmium Hydroxide  
Cyanamide, lead(2+) salt (1:1)  
Tetralead-trioxide-sulphate  
Lead oxide sulfate (Pb<sub>2</sub>O(SO<sub>4</sub>))  
pyrochlore, antimony  
lead yellow  
Cadmium  
Lead(II,IV)-oxide  
Diboron-trioxide  
Decabromodiphenylether  
1,2-bis(2-methoxyethoxy)ethane  
Pentazinc-chromate-octahydroxide  
Potassium hydroxyoctaoxidizincatedichromate  
Lead

**Halogen-Free Status**

**Not Reviewed**

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

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**  
[120247 Series](#)

This document was generated on 11/29/2021

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