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Part Number: [0465111000](#)
Status: **Active**
Overview: [SPOX BMI Connector System](#)
Description: 2.50mm Pitch SPOX BMI Header Assembly, Single Row, Vertical, 6 Circuits

Documents:

[3D Model](#) [Product Specification PS-45579-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [46511](#)
Application Signal, Wire-to-Board
Overview [SPOX BMI Connector System](#)
Product Name SPOX BMI
UPC 800756731148

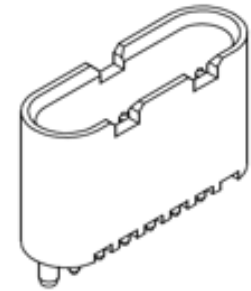
Physical

Breakaway No
Circuits (Loaded) 6
Circuits (maximum) 6
Durability (mating cycles max) 25
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Capable No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Plating Mating Tin
Material - Plating Termination Tin
Net Weight 0.996/g
Number of Rows 1
Orientation Vertical
PC Tail Length 2.76mm
PCB Locator Yes
PCB Thickness - Recommended 1.80mm
Packaging Type Bag
Pitch - Mating Interface 2.50mm
Pitch - Termination Interface 2.50mm
Plating min - Mating 2.540µm
Plating min - Termination 2.540µm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Closed Ends
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating 0°C to +75°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3.0A
Voltage - Maximum 250V AC (RMS)

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[46511](#) Series

Mates With

[46528](#) Receptacle

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-45579-001-001
Sales Drawing	SD-46511-100

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