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Part Number: [46511-1000](#)
Status: **Active**
Overview: SPOX™ BMI
Description: 2.50mm Pitch SPOX™ BMI Header Assembly, Single Row, Vertical, 6 Circuits

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

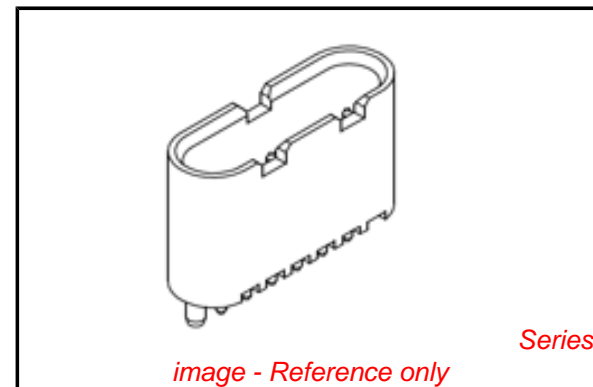
Product Family PCB Headers
 Series [46511](#)
 Application Signal, Wire-to-Board
 Overview [SPOX™ BMI](#)
 Product Name SPOX BMI™
 UPC 800756731148

Physical

Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 Durability (mating cycles max) 25
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant 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 3A
 Voltage - Maximum 250V AC (RMS)



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[46511Series](#)

Mates With

[46528 Receptacle](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

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

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