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Part Number: [0455780001](#)
Status: **Active**
Overview: [SPOX BMI Connector System](#)
Description: 2.50mm Pitch SPOX BMI Header Assembly, Dual Row, Vertical, 6 Circuits, 2.57mm PC Tail

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 [45578](#)
 Application Signal, Wire-to-Board
 Overview [SPOX BMI Connector System](#)
 Product Name SPOX BMI
 UPC 822348068968

Physical

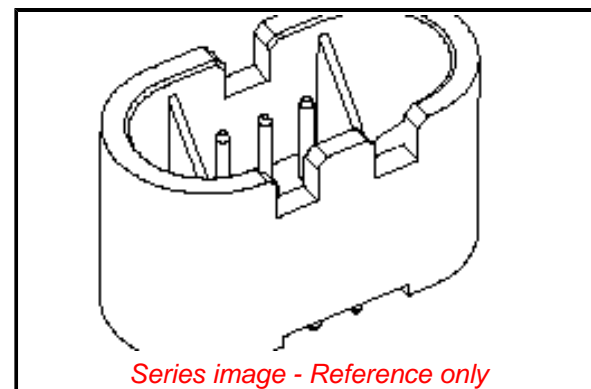
Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part None
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 1.358/g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 2.57mm
 PCB Locator Yes
 PCB Retention None
 PCB Thickness - Recommended 1.80mm
 Packaging Type Bag
 Pitch - Mating Interface 2.50mm
 Plating min - Mating 2.540µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40° to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3.0A
 Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 040
 Lead-freeProcess Capability SMC&WAVE



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 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
Prop65	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[45578](#) Series

Mates With

[45579](#)

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-45578-001

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