

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0456090001](#)  
**Status:** **Active**  
**Overview:** [SPOX BMI Connector System](#)  
**Description:** 2.50mm Pitch SPOX BMI Receptacle Housing, Dual Row, Panel Mount, 16 Circuits, Black

**Documents:**

[3D Model](#) [Packaging Specification PK-45609-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-45579-001-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series [45609](#)  
 Application Signal, Wire-to-Board  
 Overview [SPOX BMI Connector System](#)  
 Product Name SPOX BMI  
 UPC 822348239955

**Physical**

Circuits (maximum) 16  
 Color - Resin Black  
 Flammability 94V-0  
 Gender Receptacle  
 Glow-Wire Capable No  
 Lock to Mating Part None  
 Material - Resin Polyester  
 Net Weight 1.630/g  
 Number of Rows 2  
 Packaging Type Bag  
 Panel Mount Yes  
 Pitch - Mating Interface 2.50mm  
 Stackable No  
 Temperature Range - Operating -40° to +105°C

**Electrical**

Current - Maximum per Contact 3.0A

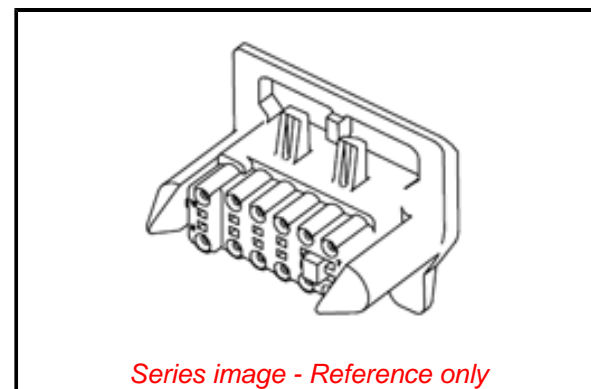
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-45609-001  
 Product Specification PS-45579-001-001  
 Sales Drawing SD-45609-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/88/2018 (15  
 January 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[45609](#) Series

**Mates With**

[45608](#) SPOX BMI Header

**Use With**

[08701047](#) SPOX Wire-to-Board Crimp Terminal

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