

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0456080001](#)
Status: **Active**
Overview: SPOX BMI Connector System
Description: 2.50mm Pitch SPOX BMI Header Assembly, Dual Row, Right-Angle, 16 Circuits

Documents:

[3D Model](#) [Packaging Specification PK-45608-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-45579-001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

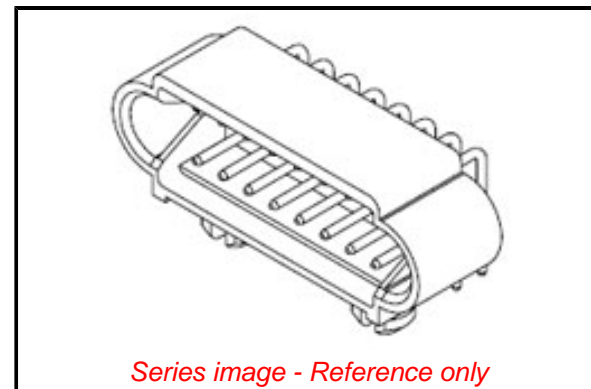
Product Family PCB Headers
 Series [45608](#)
 Application Signal, Wire-to-Board
 Overview [SPOX BMI Connector System](#)
 Product Name SPOX BMI
 UPC 822348239962

Physical

Breakaway No
 Circuits (Loaded) 16
 Circuits (maximum) 16
 Durability (mating cycles max) 25
 First Mate / Last Break Yes
 Flammability 94V-0
 Glow-Wire Capable No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part None
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 2.633/g
 Number of Rows 2
 Orientation Right Angle
 PC Tail Length 3.02mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 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



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

Not 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

ELV

Prop65

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Missing Compliance
 Data

Not Contained

Search Parts in this Series

[45608 Series](#)

Mates With

[45609 SPOX Crimp Tubing](#)

Solder Process Data

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

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-45608-001
Product Specification	PS-45579-001-001
Sales Drawing	SD-45608-001

This document was generated on 09/11/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[45608-0001](#)