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Part Number: [45608-0001](#)
Status: **Active**
Overview: [SPOX™ BMI](#)
Description: 2.50mm Pitch SPOX™ BMI Header Assembly, Dual Row, Right Angle, 16 Circuits

Documents:

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

Agency Certification

CSA	LR19980
TUV	30682035.001
UL	E29179

General

Product Family	PCB Headers
Series	45608
Application	Signal, Wire-to-Board
Overview	SPOX™ BMI
Product Name	SPOX BMI™

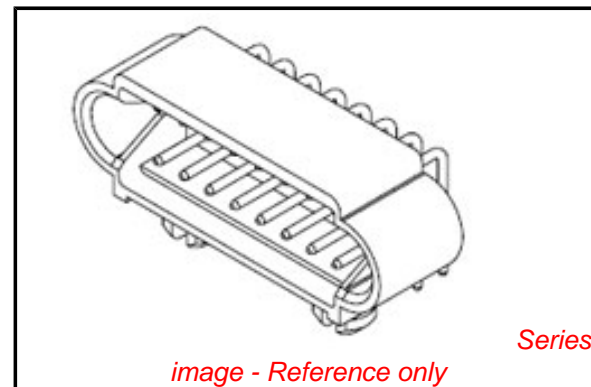
Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Durability (mating cycles max)	25
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Plating Mating	Tin
Material - Plating Termination	Tin
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°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Solder Process Data



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Reviewed

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

[45608Series](#)

Mates With

[45609 SPOX™ Crimp Tubing](#)

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

UPC	822348239962
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Reference - Drawing Numbers

Product Specification	PS-45579-001, RPS-45608-001
Sales Drawing	SD-45608-001

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