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Part Number:

45608-0012

Status:

Active

Overview:

SPOX™ BMI

Description:

2.50mm Pitch SPOX™ BMI Header Assembly, Dual Row, Right Angle, 12 Circuits

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

45608

Application

Signal, Wire-to-Board

Overview

SPOX™ BMI

Product Name

SPOX BMI™

UPC

800756779720

Physical

Breakaway

No

Circuits (Loaded)

12

Circuits (maximum)

12

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

Net Weight

2.119/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°C to +105°C

Termination Interface: Style

Through Hole

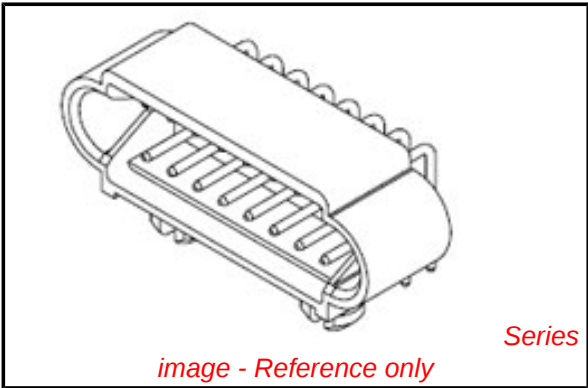
Electrical

Current - Maximum per Contact

3A

Voltage - Maximum

250V



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen



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

Solder Process Data

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

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-45608-012
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