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Part Number: [46781-2000](#)
Status: **Active**
Overview: [SPOX™](#)
Description: 2.50mm Pitch SMT SPOX™ Header Assembly, Single Row, Vertical, 7 Circuits

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [46781](#)
 Application Signal, Wire-to-Board
 Overview [SPOX™](#)
 Product Name SPOX BMI™
 UPC 884982016279

Physical

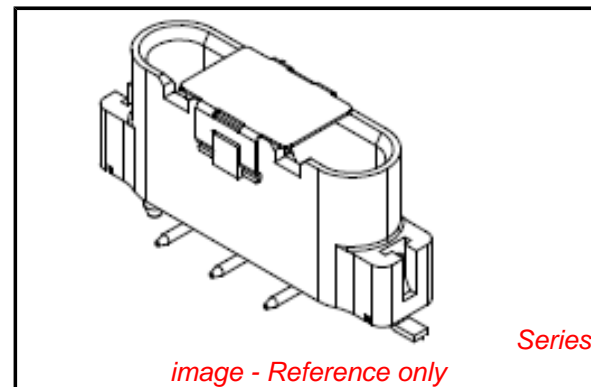
Breakaway No
 Circuits (Loaded) 7
 Circuits (maximum) 7
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Plating Mating Tin
 Material - Plating Termination Nickel
 Net Weight 1.450/g
 Number of Rows 1
 Orientation Vertical
 PCB Locator Yes
 PCB Retention None
 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
 Robotic Placement Vacuum Pick-Up Clip
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Surface Mount

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 40
 Lead-free Process Capability Reflow Capable (SMT only)



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

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

[46781Series](#)

Mates With

[46528 SPOX™ Receptacle Housing](#)

Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-45579-001
Sales Drawing	SD-46781-200

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