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Part Number: [0467812000](#)
Status: **Active**
Overview: [SPOX Connector System](#)
Description: 2.50mm Pitch Surface Mount SPOX Header Assembly, Single Row, Vertical, 7 Circuits

Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-45579-001-001 \(PDF\)](#)
[Packaging Specification PK-171876-1012 \(PDF\)](#)
[Packaging Specification PK-46781-200-001 \(PDF\)](#)
[Packaging Specification PK-46781-300-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

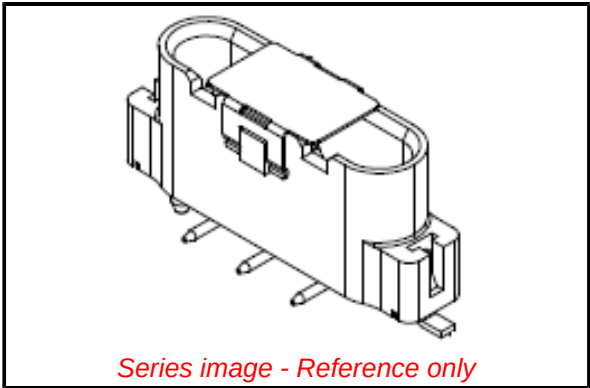
Agency Certification
CSA LR19980
UL E29179

General
Product Family PCB Headers
Series [46781](#)
Application Signal, Wire-to-Board
Overview [SPOX Connector System](#)
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 Capable 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° to +105°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 3.0A
Voltage - Maximum 250V

Solder Process Data
Duration at Max. Process Temperature (seconds) 040
Lead-freeProcess Capability REFLOW



EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
D(2020)9139-DC (19
Jan 2021)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
[46781](#) Series

Mates With
[46528](#) SPOX Receptacle Housing

Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-171876-1012, PK-46781-200-001, PK-46781-300-001
Product Specification	PS-45579-001-001
Sales Drawing	SD-46781-200-001

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