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**Part Number:** [46528-0001](#)  
**Status:** **Active**  
**Overview:** [SPOX™ BMI](#)  
**Description:** 2.50mm Pitch SPOX™ BMI Receptacle Housing, Single Row, Vertical,6 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	PCB Receptacles
Series	<a href="#">46528</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">SPOX™ BMI</a>
Product Name	SPOX BMI™
UPC	800756731131

**Physical**

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	25
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	1.126/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	1.60mm
PCB Retention	Yes
Packaging Type	Bag
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Polarized to PCB	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A

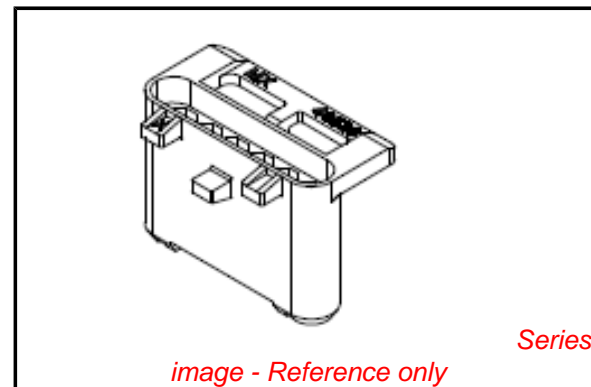
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-46528-001
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*image - Reference only*

**EU RoHS**

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

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[46528Series](#)

**Mates With**

[46511-1000 2.50mm Pitch SPOX™ BMI Header Assembly](#)