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Part Number: [0431600102](#)
Status: **Active**
Description: 7.50mm (.295") Pitch Sabre™ Header, Single Row, Vertical, 2 Circuits, PC Tail Length 3.81mm (.150"), without Snap-In Metal Pins, Tin (Sn) Plating, Glow Wire Compatible

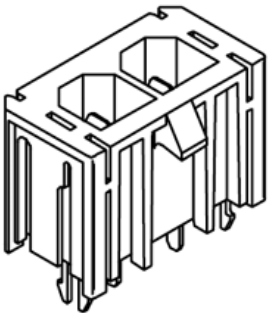
Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Packaging Specification \(PDF\)](#)
[Product Specification PSX-44441-9999 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	43160
Application	Wire-to-Board
Comments	Glow Wire Equivalent Part Number 431600102 . Fully Polarized
Product Literature Order No	USA-113
Product Name	Sabre™

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.150 In
PC Tail Length (mm)	3.81 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.295 In
Pitch - Mating Interface (mm)	7.50 mm
Plating min: Mating (µin)	80
Plating min: Mating (µm)	2
Plating min: Termination (µin)	80
Plating min: Termination (µm)	2
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +75°C



*Series
image - Reference only*

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

China RoHS



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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
[43160Series](#)

Mates With
[44441-2002](#)

Termination Interface: Style	Through Hole
Electrical	
CSA	LR19980
Current - Maximum	18A
UL	E29179
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235
Material Info	
Reference - Drawing Numbers	
Product Specification	PSX-44441-9999
Sales Drawing	SDA-43160-****

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