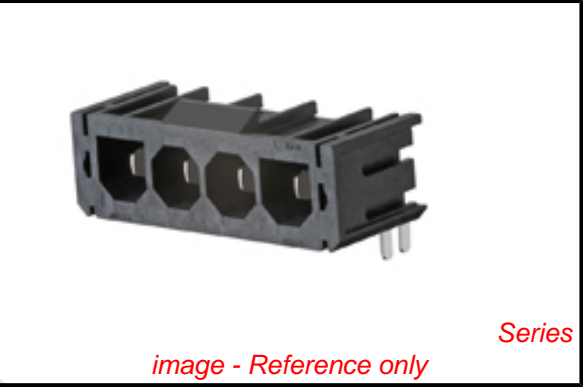


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**Part Number:** [43160-2102](#)  
**Status:** **Active**  
**Overview:** [Sabre™](#)  
**Description:** 7.50mm Pitch Sabre™ Header, Vertical, 2 Circuits, Glow Wire Compatible.  
Recommended PCB Thickness 1.60mm, with Board Lock



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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	<a href="#">43160</a>
Application	Power, Wire-to-Board
Comments	"Fully Polarized, high power wire to board and wire to wire connector system<P><P>This Molex product is manufactured from material that has the following ratings, tested by independent agencies:. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."

Overview	<a href="#">Sabre™</a>
Product Literature Order No	987650-5662
Product Name	Sabre™
UPC	800754378000

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	Yes
Lock to Mating Part	Yes

<b>EU RoHS</b> <b>ELV and RoHS</b> <b>Compliant</b> <b>REACH SVHC</b> <b>Contains SVHC: No</b> <b>Low-Halogen Status</b> <b>Not Low-Halogen</b>	<b>China RoHS</b> 
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Need more information on product 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**  
[43160Series](#)

**Mates With**  
[444412002 Sabre™ Receptacle Housing](#)

Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	High Temperature Thermoplastic
Material - Resin	High Temperature Thermoplastic
Net Weight	3.027/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.81mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	7.50mm
Pitch - Termination Interface	7.50mm
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
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
Termination Interface: Style	Through Hole

#### Electrical

Current - Maximum per Contact	18A
Voltage - Maximum	600V

#### Solder Process Data

Duration at Max. Process Temperature (seconds)	5
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-****

This document was generated on 01/22/2013

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