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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**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 \(PDF\)](#)

Series

image - Reference only

Agency CertificationCSA
UL**General**Product Family
Series
Application
CommentsLR19980
E29179

PCB Headers

43160

Power, Wire-to-Board

"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."

Sabre™

987650-5662

Sabre™

800754378000

Overview
Product Literature Order No
Product Name
UPC**Physical**Breakaway
Circuits (Loaded)
Circuits (maximum)
Color - Resin
Durability (mating cycles max)
First Mate / Last Break
Flammability
Glow-Wire Compliant
Guide to Mating Part
Keying to Mating Part
Lock to Mating Part

No

2

2

Black

25

No

94V-0

Yes

No

Yes

Yes

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

43160Series

Mates With

444412002 Sabre™ Receptacle Housing

Material - Metal
Material - Plating Mating
Material - Plating Termination
Material - Resin
Net Weight
Number of Rows
Orientation
PC Tail Length
PCB Locator
PCB Retention
PCB Thickness - Recommended
Packaging Type
Pitch - Mating Interface
Pitch - Termination Interface
Plating min - Mating
Plating min - Termination
Polarized to Mating Part
Polarized to PCB
Shrouded
Stackable
Surface Mount Compatible (SMC)
Temperature Range - Operating
Termination Interface: Style

Brass
Tin
onlinecomponents.com
THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS
High Temperature Thermoplastic
3.027/g
1
Vertical
3.81mm
Yes
Yes
1.60mm
Tray
7.50mm
7.50mm
0.889µm
0.889µm
Yes
Yes
Fully
No
No
-40°C to +75°C
Through Hole

Electrical

Current - Maximum per Contact
Voltage - Maximum

18A
600V

Solder Process Data

Duration at Max. Process Temperature (seconds)
Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

5
Wave Capable (TH only)
1
235

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PSX-44441-9999
SDA-43160-****

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