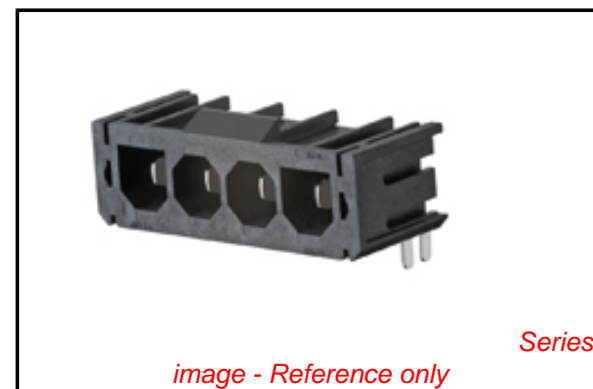


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**Part Number:** [46007-1305](#)  
**Status:** **Active**  
**Overview:** [Sabre™](#)  
**Description:** 7.50mm Pitch Sabre™ Header, Right Angle, 5 Circuits, Glow Wire Compatible. Recommended PCB Thickness 2.40mm, without Board Lock. Complies with the UL1977 finger proof access requirement

**Documents:**

<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PSX-44441-9999 (PDF)</a>	



**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">46007</a>
Application	Power, Wire-to-Board
Comments	"Fully Polarized, high power wire to board and wire to wire connector system. Complies with the UL1977 finger proof access requirement<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	822350247641

**Physical**

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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

<b>EU RoHS</b> <b>ELV and RoHS Compliant</b> <b>REACH SVHC</b> Not Reviewed <b>Low-Halogen Status</b> <b>Not Reviewed</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**  
46007Series

**Mates With**  
44441-2005 Sabre™ Receptacle Housing

Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.513/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	5.33mm
PCB Locator	No
PCB Retention	N/A
PCB Thickness - Recommended	2.40mm
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	SD-46007-001

This document was generated on 06/03/2013

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