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Part Number: [46007-1105](#)
Status: **Active**
Overview: [Sabre™](#)
Description: 7.50mm Pitch Sabre™ Header, Right Angle, 5 Circuits, Glow Wire Compatible. Recommended PCB Thickness 1.60mm, without Board Lock. Complies with the UL1977 finger proof access requirement

Documents:

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

Agency Certification

UL E29179

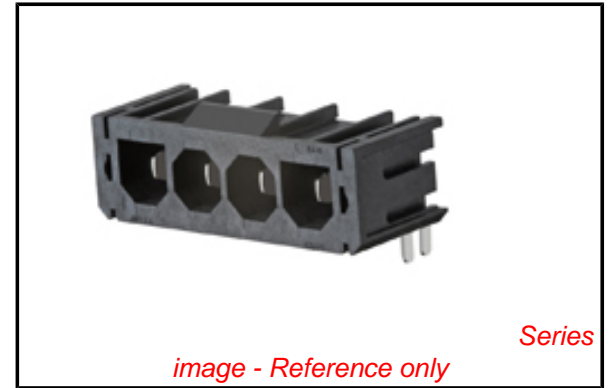
General

Product Family PCB Headers
 Series [46007](#)
 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 [Sabre™](#)
 Product Literature Order No 987650-5662
 Product Name Sabre™
 UPC 822350247481

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



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

[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 | 6.403/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PC Tail Length | 3.81mm |
| PCB Locator | No |
| PCB Retention | N/A |
| 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 | SD-46007-001 |

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