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**Part Number:**

**0460071102**

**Status:**

**Active**

**Overview:**

Sabre Power Connector

**Description:**

7.50mm Pitch Sabre Header, Right-Angle, 2 Circuits, Glow-Wire Capable. Recommended PCB Thickness 1.60mm, without Board Lock. Complies with the UL1977 finger proof access requirement



**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-44441-9999-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)

*Series image - Reference only*

**Agency Certification**

UL

E29179

**General**

Product Family

Series

Application

Comments

PCB Headers

46007

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 Power Connector](#)

987650-5662

Sabre

822350245753

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 Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

No

2

2

Black

25

No

94V-0

Yes

No

Yes

Yes

Brass

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

46007 Series

**Mates With**

44441-2002 Sabre Receptacle Housing

Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.051/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	Bag
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° to +75°C
Termination Interface: Style	Through Hole

#### **Electrical**

Current - Maximum per Contact	18.0A
Voltage - Maximum	600V

#### **Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

#### **Material Info**

##### **Reference - Drawing Numbers**

Product Specification	PS-44441-9999-001
Sales Drawing	SD-46007-001

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