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Part Number:

0460071305

Status:

Active

Overview:

Sabre Power Connector

Description:

7.50mm Pitch Sabre Header, Right-Angle, 5 Circuits, Glow-Wire Capable. Recommended PCB Thickness 2.40mm, without Board Lock. Complies with the UL1977 finger proof access requirement



Series image - Reference only

Documents:

[3D Model \(PDF\)](#)

[3D Model](#)

[Drawing \(PDF\)](#)

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

[Packaging Specification PK-43789-001-001 \(PDF\)](#)

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

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

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](#)

Sabre

822350247641

Overview

Product Name

UPC

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 Capable

Yes

Guide to Mating Part

No

Keying to Mating Part

Yes

Lock to Mating Part

Yes

Material - Metal

Brass

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

Search Parts in this Series

[46007 Series](#)

Mates With

[444412005 Sabre Receptacle Housing](#)

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° 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

Packaging Specification	PK-43789-001-001
Product Specification	PS-44441-9999-001
Sales Drawing	460070001-SD-000

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