

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0431781002](#)  
**Status:** **Active**  
**Overview:** [Sabre Power Connector](#)  
**Description:** Sabre Crimp Terminal, Male, 18 AWG, 3.30mm Max. Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 444410000-TS-000 (PDF)</a>
<a href="#">Product Specification PS-44441-9999-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification 431780000-PK-000 (PDF)</a>	<a href="#">Product Literature (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	43178
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Sabre Power Connector</a>
Product Name	Sabre
UPC	800754378338

**Physical**

Durability (mating cycles max)	25
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.565/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.30mm max.
Wire Size AWG	18
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

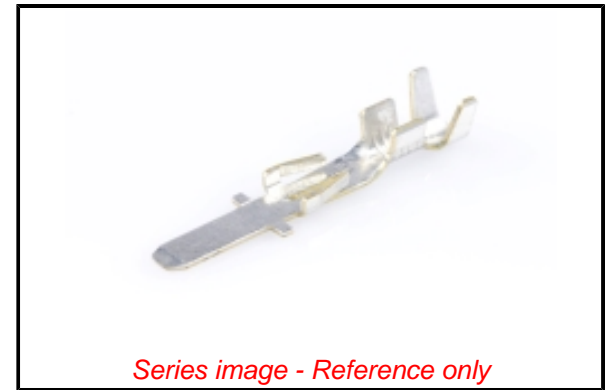
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	431780000-PK-000
Product Specification	PS-44441-9999-001
Sales Drawing	SD-43178-1XXX-001
Test Summary	444410000-TS-000



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[43178 Series](#)

**Mates With**

[43375 Female Crimp Terminals](#)

**Use With**

[43680 Plug Housings](#)

**Application Tooling | [FAQ](#)**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

<b>Description</b>	<b>Product #</b>
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PremiumGrade Hand	<a href="#">638117200</a>
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Crimp Tool for Sabre  
Terminals, 14-18

AWG

Manual Activation	<a href="#">638130600</a>
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and Deactivation

Tool

Manual Extraction Tool	<u>638130800</u>
Terminator Die	<u>638404000</u>
Mini-Mac Applicator	<u>638919000</u>

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