

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

**Part Number:** [0431782001](#)  
**Status:** **Active**  
**Overview:** [Sabre Power Connector](#)  
**Description:** Sabre Crimp Terminal, Male, Double 20 AWG, 4.57mm Max. Insulation Diameter, Reel Packaged, Unplated, 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="#">Product Specification PSX-43335-9999-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Packaging Specification 431780000-PK-000 (PDF)</a>	



**General**

Product Family	Crimp Terminals
Series	<a href="#">43178</a>
Application	Power
Comments	For double crimping of 20 AWG wire in a side-by-side orientation.
Crimp Quality Equipment	Yes
Overview	<a href="#">Sabre Power Connector</a>
Product Name	Sabre
UPC	800754378345

**Physical**

Durability (mating cycles max)	25
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Unplated
Material - Plating Termination	Unplated
Net Weight	2.035/g
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	4.57mm max.
Wire Size AWG	14, 16, 18+18, 20+20
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	<a href="#">431780000-PK-000</a>
Product Specification	<a href="#">PS-44441-9999-001</a> , <a href="#">PSX-43335-9999-001</a>
Sales Drawing	<a href="#">SD-43178-2XXX-001</a>
Test Summary	<a href="#">444410000-TS-000</a>

**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**

Description	Product #
Manual Extraction Tool	<a href="#">638130800</a>
Hand Crimp Tool for Male Flat Blade Crimp Terminals	<a href="#">638233100</a>
Hand Crimp Tool for Male Flat Blade Crimp Terminals	<a href="#">638233200</a>

Modular Crimp 638233270  
Head for the Battery  
638160200 and Air  
638160100 Tools  
Mini-Mac Applicator, 638919100  
For Standard "B"  
Style Insulation  
Crimps  
FineAdjust Applicator639013100  
for Male Flat Blade  
Crimp Terminals  
FineAdjust Applicator639013200  
for Male Flat Blade  
Crimp Terminals  
T2 Terminator for 639113200  
Male Flat Blade  
Crimp Terminal

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