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Part Number: **0431782002**
Status: **Active**
Overview: Sabre™ Power Connector
Description: Sabre™ Crimp Terminal, Male, 14-16 AWG or double 18-20 AWG, 4.57mm Max. Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-44441-9999-001 \(PDF\)](#) [Product Literature \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	43178
Application	Power
Comments	For double crimping of 18-20 AWG wire in a side-by-side orientation.
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	Sabre™ Power Connector
Product Literature Order No	987650-5662
Product Name	Sabre™
UPC	800754378390

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	4.57mm max.
Wire Size AWG	14, 16, 18+18, 20+20
Wire Size mm²	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

Product Specification	PS-44441-9999-001
Sales Drawing	SD-43178-2***



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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 Activation and Deactivation Tool	0638130600

Tool Kit For Battery Powered Crimp Tool	<u>0638112170</u>
Manual Extraction Tool	<u>0638130800</u>
Hand Crimp Tool for Male Flat Blade Crimp Terminals	<u>0638233100</u>
Modular Crimp Head For Hand Crimp Tool for Sabre Male Flat Blade Crimp Terminals	<u>0638233170</u>
Hand Crimp Tool for Male Flat Blade Crimp Terminals	<u>0638233200</u>
Modular Crimp Head for the Battery 638160200 and Air 638160100 Tools	<u>0638233270</u>
Terminator Die - Doubles	<u>0638404100</u>
Terminator Die - Full Radius Insulation & Doubles	<u>0638404200</u>
Terminator Die - side by Side Insulation	<u>0638404300</u>
Mini-Mac™ Applicator, For Standard "B" Style Insulation Crimps	<u>0638919100</u>
FineAdjust™ Applicator for Male Flat Blade Crimp Terminals	<u>0639013100</u>
FineAdjust™ Applicator for Male Flat Blade Crimp Terminals	<u>0639013200</u>
T2 Terminator for Male Flat Blade Crimp Terminal	<u>0639113200</u>

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