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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 \(PDF\)](#) [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, RPSX-44441-001
Sales Drawing	SD-43178-2***



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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
ELV

Green Image
Not Relevant

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 #

FineAdjust™
Applicator for Male
Flat Blade Crimp
Terminals

0639013200

Terminator Die - Doubles	<u>0638404100</u>
T2 Terminator for Male Flat Blade Crimp Terminal	<u>0639113200</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>
Manual Activation and Deactivation Tool	<u>0638130600</u>
Modular Crimp Head for the Battery 638160200 and Air 638160100 Tools	<u>0638233270</u>
Terminator Die - side by Side Insulation	<u>0638404300</u>
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>0638233200</u>
Terminator Die - Full Radius Insulation & Doubles	<u>0638404200</u>
Mini-Mac™ Applicator, For Standard "B" Style Insulation Crimps	<u>0638919100</u>
FineAdjust™ Applicator for Male Flat Blade Crimp Terminals	<u>0639013100</u>

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