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Part Number: [43178-2002](#)
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 \(PDF\)](#) [Product Literature \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

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 | 18A |
| Voltage - Maximum | 600V |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|----------------|
| Product Specification | RPSX-44441-001 |
| Sales Drawing | SD-43178-2*** |



image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[43178Series](#)

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 # |
|---|----------------------------|
| Hand Crimp Tool for Male Flat Blade Crimp Terminals | 0638233100 |
| Modular Crimp Head For Hand Crimp Tool for Sabre Male | 0638233170 |

| | |
|---|-------------------|
| Flat Blade Crimp Terminals | |
| Modular Crimp Head for the Battery 638160200 and Air 638160100 Tools | <u>0638233270</u> |
| Hand Crimp Tool for Male Flat Blade Crimp Terminals | <u>0638233200</u> |
| Mini-Mac™ Applicator, For Standard "B" Style Insulation Crimps | <u>0638919100</u> |
| T2 Terminator for Male Flat Blade Crimp Terminal | <u>0639113200</u> |
| Tool Kit For Battery Powered Crimp Tool | <u>0638112170</u> |
| FineAdjust™ Applicator for Male Flat Blade Crimp Terminals | <u>0639013100</u> |
| FineAdjust™ Applicator for Male Flat Blade Crimp Terminals | <u>0639013200</u> |
| Manual Activation and Deactivation Tool | <u>0638130600</u> |
| Manual Extraction Tool | <u>0638130800</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> |

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