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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:

Drawing (PDF)	Test Summary 444410000-TS-000 (PDF)
Product Specification PS-44441-9999-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification 431780000-PK-000 (PDF)	Product Literature (PDF)

General

Product Family	Crimp Terminals
Series	43178
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Sabre Power Connector
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 ²	N/A

Electrical

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

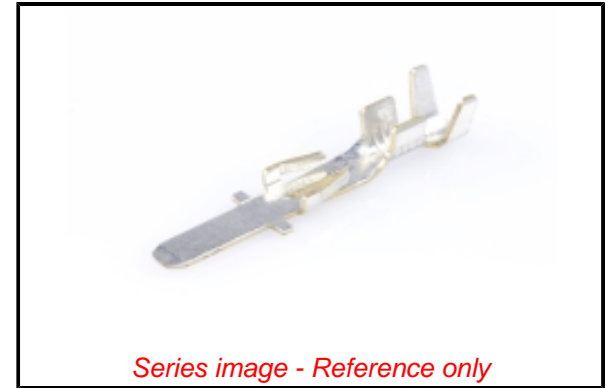
Solder Process Data

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

Description	Product #
PremiumGrade Hand Crimp Tool for Sabre Terminals, 14-18 AWG	638117200
Manual Activation and Deactivation Tool	638130600

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

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