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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)	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
Comments	For double crimping of 18-20 AWG wire in a side-by-side orientation.
Crimp Quality Equipment	Yes
Overview	<u>Sabre Power Connector</u>
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 mm ²	N/A

Electrical

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

Solder Process Data

Lead-free Process 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-43178-2XXX-001
Test Summary	444410000-TS-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
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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 Activation and Deactivation Tool	638130600
Manual Extraction Tool	638130800
Hand Crimp Tool for Male Flat Blade Crimp Terminals	638233100

Hand Crimp Tool 638233200
for Male Flat Blade
Crimp Terminals
Modular Crimp 638233270
Head for the Battery
638160200 and Air
638160100 Tools
Terminator Die - 638404100
Doubles
Terminator Die - Full 638404200
Radius Insulation &
Doubles
Terminator Die - side 638404300
by Side Insulation
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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