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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)

Product Specification PS-44441-9999-001 (PDF)

Packaging Specification 431780000-PK-000 (PDF)

Test Summary 444410000-TS-000 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Product Name

UPC

Crimp Terminals

43178

Power, Wire-to-Wire

Yes

Sabre Power Connector

Sabre

800754378338

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

25

Male

Brass

Tin

Tin

0.565/g

Reel

0.508µm

0.508µm

Crimp or Compression

3.30mm max.

18

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

18.0A

600V

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

431780000-PK-000

PS-44441-9999-001

SD-43178-1XXX-001

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

China RoHS

Green Image

Not Relevant

Not Contained

For more information, please visit [Contact US](#)

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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[43178-1002 \(Mouser Reel\)](#) [43178-1002 \(Cut Strip\)](#) [43178-1002 \(Loose Piece\)](#)