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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)

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	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	Sabre Power Connector
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

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



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 #
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 Applicator	639013100
for Male Flat Blade	
Crimp Terminals	
FineAdjust Applicator	639013200
for Male Flat Blade	
Crimp Terminals	
T2 Terminator for	639113200
Male Flat Blade	
Crimp Terminal	

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