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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	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	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	<u>638233200</u>
for Male Flat Blade	
Crimp Terminals	
Modular Crimp	<u>638233270</u>
Head for the Battery	
638160200 and Air	
638160100 Tools	
Terminator Die -	<u>638404100</u>
Doubles	
Terminator Die - Full	<u>638404200</u>
Radius Insulation &	
Doubles	
Terminator Die - side	<u>638404300</u>
by Side Insulation	
Mini-Mac Applicator,	<u>638919100</u>
For Standard "B"	
Style Insulation	
Crimps	
FineAdjust Applicator	<u>639013100</u>
for Male Flat Blade	
Crimp Terminals	
FineAdjust Applicator	<u>639013200</u>
for Male Flat Blade	
Crimp Terminals	
T2 Terminator for	<u>639113200</u>
Male Flat Blade	
Crimp Terminal	

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