



Part Number : 431782002

Series Number : 43178

Product Category : Crimp Terminals

Product Description : Sabre Crimp Terminal, Male, Double 20+18 or Single 16-14 AWG, 3.60mm Max. Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact

Status : Active

Documents & Resources

Drawings

Drawing 431782002\_sd.pdf

Packaging Design Drawing 431780000-PK-000.pdf


Specifications

Product Specification PS-44441-9999-001.pdf

Test Summary 444410000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	43178
Description	Sabre Crimp Terminal, Male, Double 20+18 or Single 16-14 AWG, 3.60mm Max. Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact
Application	Power, Wire-to-Wire
Comments	For double crimping of 18-20 AWG wire in a side-by-side orientation.
Product Family	Sabre Power Connector
Product Name	Sabre
UPC	800754378390

### Electrical

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

### 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	3.60mm max.
Wire Size (AWG)	14, 16, 20+18
Wire Size mm <sup>2</sup>	N/A

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Sabre Female Crimp Terminals	<u>43375</u>

### Use with Part(s)

Description	Part Number
Sabre Plug Crimp Housings	<u>43680</u>

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## Application Tooling

### Global

Description	Part Number
Manual Activation and Deactivation Tool	<u>638130600</u>
Manual Extraction Tool	<u>638130800</u>
Hand Crimp Tool for Male Flat Blade Crimp Terminals	<u>638233100</u>
Hand Crimp Tool for Male Flat Blade Crimp Terminals	<u>638233200</u>
Modular Crimp Head for Battery and Air Powered Crimping Tools	<u>638233270</u>
Terminator Die - Doubles	<u>638404100</u>
Terminator Die - Full Radius Insulation & Doubles	<u>638404200</u>
Terminator Die - side by Side Insulation	<u>638404300</u>
Mini-Mac Applicator, For Standard "B" Style Insulation Crimps	<u>638919100</u>
FineAdjust Applicator for Male Flat Blade Crimp Terminals	<u>639013100</u>
FineAdjust Applicator for Male Flat Blade Crimp Terminals	<u>639013200</u>
T2 Terminator for Male Flat Blade Crimp Terminal	<u>639113200</u>

