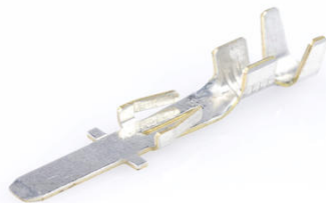




Part Number : [431782002](#)
Product Description : Sabre Crimp Terminal, Male,
Double 20+18 or Single 16-14 AWG, 3.60mm Max.
Insulation Diameter, Reel Packaged, Tin (Sn) Plated
Brass Contact
Series Number : 43178
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

- [431782002 sd.pdf](#)
- [431780000-PK-000.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [PS-44441-9999-001.pdf](#)
- [444410000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 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 ²	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>

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>