



Part Number : [431784002](#)

Product Description : Sabre Crimp Terminal, Male, 18-20 AWG, 2.50-2.85mm max. Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact

Series Number : 43178

Status : Active

Product Category : Crimp Terminals



Documents & Resources

Drawings

[Drawing 431784002_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(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	43178
Description	Sabre Crimp Terminal, Male, 18-20 AWG, 2.50-2.85mm max. Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact
Application	Power, Wire-to-Wire
Product Family	Sabre Power Connector
Product Name	Sabre
UPC	884982063945

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	0.550/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.50-2.85mm
Wire Size (AWG)	18, 20
Wire Size mm ²	N/A

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>0638130600</u>
Manual Extraction Tool	<u>0638130800</u>
Hand Crimp Tool for Crimp Terminals	<u>0638233300</u>
FineAdjust Applicator for Male Flat Blade Crimp Terminals	<u>0639013300</u>
T2 Terminator	<u>0639113300</u>