



Part Number : [431781002](#)

Product Description : Sabre Crimp Terminal, Male,
18 AWG, 3.30mm Max. Insulation Diameter, Reel
Packaged, Tin (Sn) Plated Brass Contact

Series Number : 43178

Status : Active

Product Category : Crimp Terminals



Documents and Resources

Drawings

[431781002_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	Not Relevant
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)6375-DC (05 Nov 2025) SCIP:a6f9d14b-9ed7-480b-91df-77efafdc578
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, 18 AWG, 3.30mm Max. Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact
Application	Power, Wire-to-Wire
Product Name	Sabre
UPC	800754378338

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	3.30mm max.
Wire Size (AWG)	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	43375

Use with Part(s)

Description	Part Number
Sabre Plug Crimp Housings	43680

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Sabre Terminals, 18-14 AWG	638117200
Manual Activation and Deactivation Tool	638130600
Manual Extraction Tool	638130800
Terminator Die	638404000
Mini-Mac Applicator	638919000
