



Part Number : 431786002

Product Description : Sabre Crimp Terminal, Male, 14-16 AWG or Double 18+20 AWG, 3.60mm Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact, Last-Make Wipe Length, Complies with UL1977 Finger Proof Access Requirement

Status : Active

Series Number : 43178
Product Category : Crimp Terminals

Documents & Resources

Drawings
Drawing 431786002_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

- Multiple Part Industry Compliance Documents
- IPC 1752A Class C
 - IPC 1752A Class D
 - Molex Product Compliance Declaration
 - IEC-62474

Part Details

General

Status	Active
Category	Crimp Terminals
Series	43178
Description	Sabre Crimp Terminal, Male, 14-16 AWG or Double 18+20 AWG, 3.60mm Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact, Last-Make Wipe Length, Complies with UL1977 Finger Proof Access Requirement
Application	Power, Wire-to-Wire
Comments	Allows 43680 plug housings to comply with the UL1977 finger proof access requirement
Product Family	Sabre Power Connector
Product Name	Sabre
UPC	756054418253

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	2.029/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, 18+18, 18+20, 20+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>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>639013200</u>
T2 Terminator for Male Flat Blade Crimp Terminal	<u>639113200</u>

