



Part Number : 433751001

Series Number : 43375
Product Category : Crimp Terminals

Product Description : Sabre Double Crimp Terminal, Female, Double 18 AWG, 4.57mm Max. Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact with TPA
Status : Active


Documents & Resources

Drawings
Drawing 433751001_sd.pdf
Packaging Design Drawing 433750000-PK-000.pdf

Specifications
Product Specification PS-44441-9999-001.pdf
Test Summary 444410000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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
- chemSHERPA (xml)

Part Details

General

Status	Active
Category	Crimp Terminals
Series	43375
Description	Sabre Double Crimp Terminal, Female, Double 18 AWG, 4.57mm Max. Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact with TPA
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	For double crimping of 18 AWG wire in a side-by-side orientation. Terminal mates to 3.18mm wide x 0.51mm thick flat blade PC tab. Allows 44441 receptacle housings to comply with the UL1977 finger proof access requirement
Product Family	Sabre Power Connector
Product Name	Sabre
UPC	800754365994

Electrical

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

Physical

Durability (mating cycles max)	25
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.360/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface Style	Crimp or Compression

Wire Insulation Diameter	4.57mm max.
Wire Size (AWG)	14, 16, 18+18
Wire Size mm ²	N/A

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

Use with Part(s)

Description	Part Number
Sabre Receptacle Crimp Housings	<u>44441</u>

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Sabre Female Terminals 14-18 AWG or Double 18 AWG (vertical)	<u>638117300</u>
Extraction and Activation Tool	<u>638132700</u>
Terminator Die - Doubles	<u>638405200</u>
Mini-Mac Applicator	<u>638916100</u>
Mini-Mac Applicator, For Narrow Insulation Crimp	<u>638917000</u>

This document was generated on May 07, 2024