**Part Number :** 431781001
**Product Description :** Sabre Crimp Terminal, Male, 18 AWG, 3.30mm Max. Insulation Diameter, Reel Packaged, Unplated, Brass Contact
**Series Number :** 43178
**Status :** Active
**Product Category :** Crimp Terminals



## Documents and Resources

### Drawings

431781001_sd.pdf

431780000-PK-000.pdf

STEP AP242

SOLIDWORKS

Creo

### Specifications

PSX-43335-9999-001.pdf

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)7771-DC (04 Feb 2026) |
| 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, Unplated, Brass Contact |
| Product Name | Sabre |
| UPC | 800754378314 |

### Electrical

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

### Physical

| | |
|---|---|
| Durability (mating cycles max) | 25 |
| Gender | Male |
| Material - Metal | Brass |
| Material - Plating Mating | Unplated |
| Material - Plating Termination | Unplated |
| Net Weight | 0.565/g |
| Packaging Type | Reel |

| | |
|---|---|
| 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 |

## 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 Extraction Tool | 638130800 |
| Mini-Mac Applicator | 638919000 |