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Part Number:

0433750001

Status:

Active

Overview:

Sabre™ Power Connector

Description:

Sabre™ Crimp Terminal, Female, 14-16 AWG, 3.30mm max. Insulation Diameter, Reel Packaged, Tin (Sn) Plated Brass Contact with TPA

Documents:

Drawing (PDF)

Product Specification PS-44441-9999 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

|                                |                                                                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General                        |                                                                                                                                                            |
| Product Family                 | Crimp Terminals                                                                                                                                            |
| Series                         | 43375                                                                                                                                                      |
| Application                    | Power                                                                                                                                                      |
| Comments                       | 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 |
| Crimp Quality Equipment        | Yes                                                                                                                                                        |
| Overview                       | Sabre™ Power Connector                                                                                                                                     |
| Product Literature Order No    | 987650-5662                                                                                                                                                |
| Product Name                   | Sabre™                                                                                                                                                     |
| UPC                            | 800754365970                                                                                                                                               |
| Physical                       |                                                                                                                                                            |
| Durability (mating cycles max) | 25                                                                                                                                                         |
| Gender                         | Female                                                                                                                                                     |
| Material - Metal               | Brass                                                                                                                                                      |
| Material - Plating Mating      | Tin                                                                                                                                                        |
| Material - Plating Termination | Tin                                                                                                                                                        |
| Net Weight                     | 0.334/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                  | 14, 16                                                                                                                                                     |
| Wire Size mm²                  | N/A                                                                                                                                                        |

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

|                             |     |
|-----------------------------|-----|
| Solder Process Data         |     |
| Lead-freeProcess Capability | N/A |

Material Info

|                             |                               |
|-----------------------------|-------------------------------|
| Reference - Drawing Numbers |                               |
| Product Specification       | PS-44441-9999, RPSX-44441-001 |
| Sales Drawing               | SD-43375-0001                 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series  
43375 Series

Mates With  
43178 Male Crimp Terminals

Use With  
44441 Receptacle Housings

|                                                                                                                                                                                 |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Application Tooling   FAQ                                                                                                                                                       |            |
| Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document. |            |
| Global                                                                                                                                                                          |            |
| Description                                                                                                                                                                     | Product #  |
| Hand Crimp Tool for Flat Blade Crimp Terminal                                                                                                                                   | 0638117200 |
| Extraction Tool                                                                                                                                                                 | 0638132700 |

|                |                   |
|----------------|-------------------|
| Terminator Die | <u>0638405000</u> |
| Mini-Mac™      | <u>0638916000</u> |
| Applicator     |                   |

This document was generated on 05/17/2016

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