勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
http://www.100y.com.tw

Part Number : 428150114
Product Description : Mini-Fit Sr. Crimp Terminal, Female, 12-10 AWG, Silver (Ag)
Series Number : 42815
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings
428150114_sd.pdf

Specifications
PS-42815-001-001.pdf
TS-42815-004-001.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)6225-DC (07 Nov 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	42815
Description	Mini-Fit Sr. Crimp Terminal, Female, 12-10 AWG, Silver (Ag)
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	High Current/Low Force; See Product Specification for maximum current rating by circuit size and application.
Product Name	Mini-Fit Sr.
UPC	889056241755

Electrical

Current - Maximum per Contact	50.0A

Physical

Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Silver
Material - Plating Termination	Tin
Net Weight	1.750/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	5.30mm max.
Wire Size (AWG)	10, 12
Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Use with Part(s)

Description	Part Number
10.00mm Pitch Mini-Fit Sr. Single Row Receptacle Housings	42816
Mini-Fit Sr. Dual Row Receptacle Housings	43914

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for 10.00mm Pitch Mini-Fit Sr. Crimp Terminals, 12-10 AWG	2002188600
FineAdjust Applicator for Insulation OD 4.40-5.30mm, 12-10 AWG	2037022700
FineAdjust Applicator for Insulation OD 3.50-4.40mm, 12-10 AWG	2037022800
Extraction Tool for Mini-Fit Sr. Terminals, 16-8 AWG	638130400
FineAdjust Applicator for Insulation OD 4.30-5.00mm, 5.00-6.00mm^2	639040200