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**Part Number:**  
**0428170011**

**Status:**  
**Active**

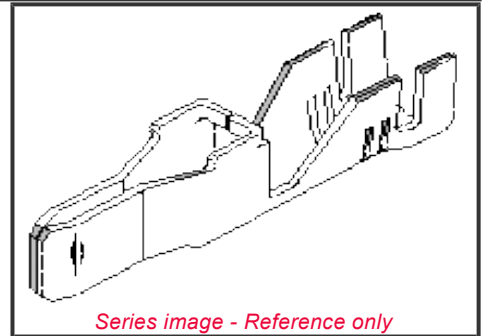
**Overview:**  
**Mini-Fit Sr.™**

**Description:**  
Mini-Fit Sr.™ Crimp Terminal, Male, 10 to 12 AWG, Tin (Sn)

**Documents:** *Note - Please disable browser pop-up blockers for documents on www.molex.com*

[Drawing \(PDF\)](#)

[Product Specification PS-42815-001 \(PDF\)](#)



*Series image - Reference only*

**EU RoHS**  
ELV and RoHS  
Compliant

**REACH SVHC**  
Contains SVHC: No

**Halogen-Free**  
Status  
Halogen-Free

**China RoHS**



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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 #
Mini-Mac™ Applicator	<a href="#">0638911100</a>
Hand Crimper	<a href="#">0638111600</a>
Manual Extraction Tool	<a href="#">0638130400</a>

**Japan**

Description	Product #
Side-Feed Applicator For Full-Auto Machine	<a href="#">0573983200</a>

**Crimp Quality Equipment**

Molex also offers wire strippers, pull testers, shut-height gauges, micro-meters and more

[Click here for details](#)[Datasheet \(PDF\)](#)**Order Products:**

**Part Detail:** ([show all](#))**General**[Physical](#)[Electrical](#)[Material Info](#)[Reference - Drawing Numbers](#)**General**

Product Family	Crimp Terminals
Series	<a href="#">42817</a>
Comments	High Current/Low Force
Overview	<a href="#">Mini-Fit Sr.™</a>
Product Name	Mini-Fit Sr.™

**Physical**

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.5
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	5.30mm (.209") max.
Wire Size AWG	10, 12
Wire Size mm <sup>2</sup>	N/A

**Electrical**(Please review the Product Specification for specific details.)

Current - Maximum per Contact	50A
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**Material Info****Reference - Drawing Numbers**

Product Specification	PS-42815-001, RPS-42815-001, RPS-42815-011, RPS-42815-012, RPS-42815-013, RPS-42815-014, RPS-42815-015
Sales Drawing	SD-42817-*

