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**Part Number:** [0579909810](#)  
**Status:** **Active**  
**Overview:** Standard Quick-Disconnect Terminals  
**Description:** MP-Lock™ Female Terminal, for 14-20 AWG (2.00-0.50mm<sup>2</sup>), Metal Strip, Tab 4.75 x 0.30mm, Pre-Tin Plated, with Push Lever

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-57990-001-001 \(PDF\)](#)  
[Product Specification PS-57990-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E92853

**General**

Product Family Quick Disconnects  
 Series [57990](#)  
 Crimp Quality Equipment Yes  
 Insulated No  
 Overview [Standard Quick-Disconnect Terminals](#)  
 Product Name MP-Lock™  
 Type Quick Disconnect  
 UPC 756054595565

**Physical**

Barrel Type Open  
 Gender Female  
 Glow-Wire Compliant No  
 Insulation None  
 Lock to Mating Part Yes  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 0.413g  
 Orientation Straight  
 Packaging Type Reel  
 Plating min - Mating 0.813µm  
 Plating min - Termination 0.813µm  
 Polarized to Mating Part Yes  
 Tab Thickness 0.51mm  
 Tab Width 4.75mm  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 4.40mm max.  
 Wire Size AWG 14, 16, 18, 20

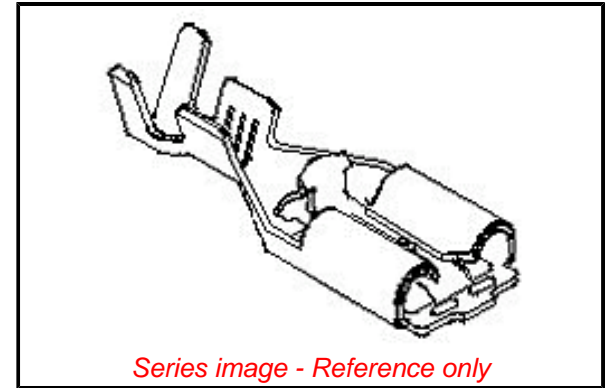
**Electrical**

Voltage - Maximum 250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-57990-001-001  
 Product Specification PS-57990-001-001  
 Sales Drawing SD-57990-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**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
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[57990 Series](#)

**Use With**

4.75mm Tab

**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 #**

Tool Kit for MP-Lock	<a href="#">0638254900</a>
Female Terminal	

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