

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0675810000](#)  
**Status:** **Active**  
**Overview:** Serial ATA Connectors  
**Description:** 1.27mm Pitch Serial ATA Crimp Terminal for Power Cable Receptacle, Gold (Au) Flash Plating, with Reel Direction - Type 1, Lead free

**Documents:**

[3D Model](#) [Packaging Specification PK-67581-001-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series [67581](#)  
 Application Signal, Wire-to-Board  
 Crimp Quality Equipment Yes  
 Overview [Serial ATA Connectors](#)  
 Product Name Serial ATA  
 UPC 800756591346

**Physical**

Durability (mating cycles max) 50  
 Gender Female  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Net Weight 0.152/g  
 Packaging Type Reel  
 Plating min - Mating 0.051µm  
 Plating min - Termination 1.905µm  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 2.20-1.60mm  
 Wire Size AWG 18, 20, 22  
 Wire Size mm<sup>2</sup> 2.00-3.79

**Electrical**

Current - Maximum per Contact 1.5A  
 Voltage - Maximum 15V DC

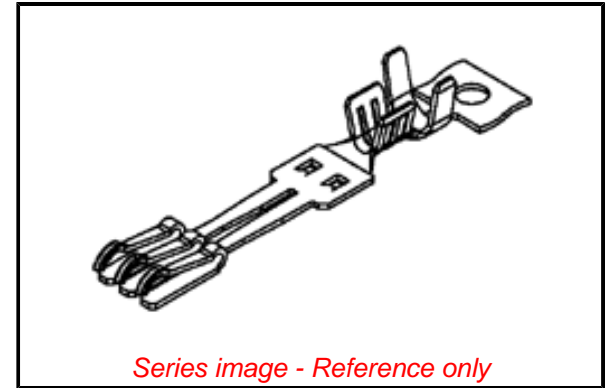
**Solder Process Data**

Lead-freeProcess Capability WAVE

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-67581-001-001  
 Sales Drawing SD-67581-001-001



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[67581](#) Series

**Use With**

[67582](#) Crimp Housing

**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 #**

Extraction and Activation Tool	<a href="#">638132700</a>
Hand Crimp Tool For SATA Power Cable Crimp Receptacles	<a href="#">638239900</a>