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**Part Number:** [0675810000](#)  
**Status:** **Active**  
**Overview:** Serial ATA Products  
**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](#) [Product Specification PS-67490-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">67581</a>
Application	Signal
Crimp Quality Equipment	Yes
Overview	<a href="#">Serial ATA Products</a>
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

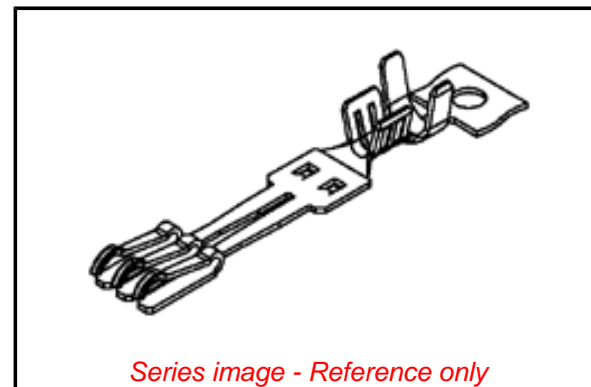
**Solder Process Data**

Lead-freeProcess Capability	WAVE
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**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-67490-002
Sales Drawing	SD-67581-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**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  
ELV

Green Image  
Not Relevant

**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 Tool	<a href="#">0638132700</a>
Hand Crimp Tool For SATA Power Cable Crimp Receptacles	<a href="#">0638239900</a>

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