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**Part Number:** [0675810010](#)

**Status:** **Active**

**Overview:**

**Description:** 1.27mm (.050") Pitch Serial ATA Crimp Terminal for Power Cable Receptacle, Gold (Au) Flash Plating, with Reel Direction - Type 2, Lead free

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-67490-002 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">67581</a>
Current - Maximum	1.5A
Overview	Serial ATA Products
Product Name	Serial ATA
Voltage - Maximum	15V DC

**Physical**

Durability (mating cycles max)	50
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	2
Plating min: Mating (µm)	0.05
Plating min: Termination (µin)	73.82
Plating min: Termination (µm)	1.85
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.20-1.60mm(0.087-0.063)
Wire Size AWG	18
Wire Size AWG	20
Wire Size AWG	22
Wire Size mm <sup>2</sup>	3.79-2.00

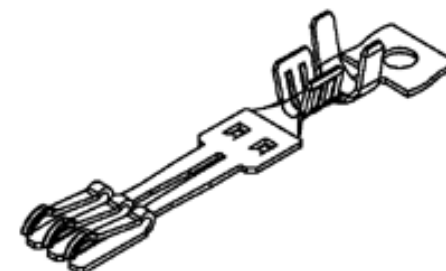
**Solder Process Data**

Lead-free Process Capability Wave Capable (TH only)

**Material Info**

**Reference - Drawing Numbers**

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



Series image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Halogen-Free  
Status**

**China RoHS**



**Halogen-Free**

**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.

**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 #
T2 Terminator Die	<a href="#">0638561000</a>
FineAdjust™ Applicator	<a href="#">0638661000</a>