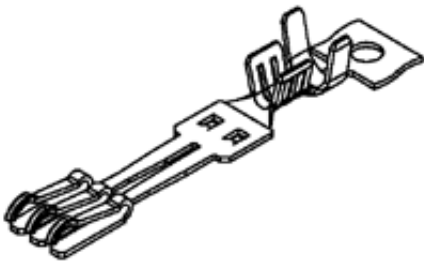




**Part Number :** [675810000](#)  
**Product Description :** 1.27mm Pitch Serial  
ATA Crimp Terminal for Power Cable  
Receptacle, Gold (Au) Flash Plating, with Reel  
Direction - Type 1, Lead free  
**Series Number :** 67581  
**Status :** Active  
**Product Category :** Crimp Terminals



## Documents & Resources


**Drawings**  
[675810000\\_sd.pdf](#)  
[PK-67581-001-001.pdf](#)

**3D Models and Design Files**  
[675810000\\_stp.zip](#)

**Specifications**  
[PS-67490-002-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

Multiple Part Industry Compliance Documents  
- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Crimp Terminals
Series	67581
Description	1.27mm Pitch Serial ATA Crimp Terminal for Power Cable Receptacle, Gold (Au) Flash Plating, with Reel Direction - Type 1, Lead free
Application	Signal, Wire-to-Board
Product Name	Serial ATA
UPC	800756591346

#### Electrical

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

#### 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
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## Solder Process Data

Lead-Free Process Capability	WAVE
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## Use with Part(s)

Description	Part Number
1.27mm Pitch Crimp Housings for Serial ATA Power Cable Receptacles	<u>67582</u>

## Application Tooling

### Global

Description	Part Number
Extraction and Activation Tool	<u>638132700</u>
Hand Crimp Tool For SATA Power Cable Crimp Receptacles	<u>638239900</u>

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