

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

**Part Number:** **0675810010**  
**Status:** **Active**  
**Overview:** Serial ATA Connectors and Cable Assemblies  
**Description:** 1.27mm Pitch Serial ATA Crimp Terminal for Power Cable Receptacle, Gold (Au) Flash Plating, with Reel Direction - Type 2, Lead free

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-67490-002-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">3D Model (PDF)</a> |  |

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals  |
| Series                  | <a href="#">67581</a>                                      |
| Application             | Signal, Wire-to-Board                                      |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">Serial ATA Connectors and Cable Assemblies</a> |
| Product Name            | Serial ATA   |
| UPC                     | 822348025756   |

**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 |

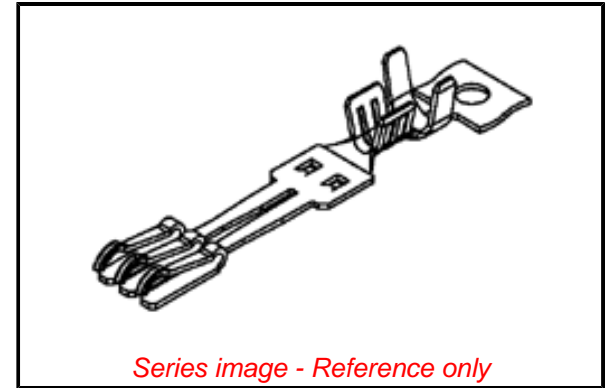
**Solder Process Data**

|                              |      |
|------------------------------|------|
| Lead-free Process Capability | WAVE |
|------------------------------|------|

**Material Info**

**Reference - Drawing Numbers**

|                       |                  |
|-----------------------|------------------|
| Crimp Specification   | CS-67581-001     |
| Product Specification | PS-67490-002-001 |
| Sales Drawing         | SD-67581-001     |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
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January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

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> |
| T2 Terminator Die   | <a href="#">638561000</a> |
| FineAdjust Applicator                                       | <a href="#">638661000</a> |
| Fine Adjust Applicator for Serial SATA Crimp Power Terminal | <a href="#">639023500</a> |

T2 Terminator for 639123500  
Serial SATA Crimp  
Power Terminal

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