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**Part Number:** **0675810010**  
**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 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="#">Packaging Specification PK-67581-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

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

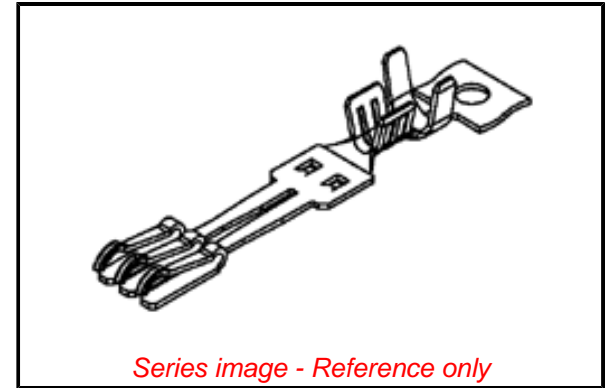
**Solder Process Data**

Lead-free Process Capability	WAVE
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**Material Info**

**Reference - Drawing Numbers**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
D(2022)9120-DC (17  
Jan 2023)

**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 for Serial SATA	<a href="#">638661000</a>
FineAdjust Applicator Crimp Power Terminal	<a href="#">639023500</a>

T2 Terminator for 639123500  
Serial SATA Crimp  
Power Terminal

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