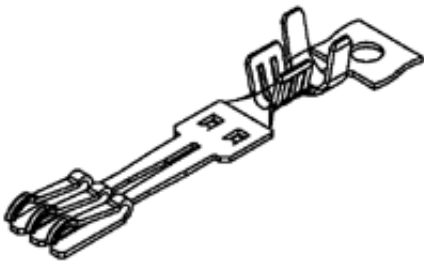




Part Number : [675810010](#)
Product Description : 1.27mm Pitch Serial
ATA Crimp Terminal for Power Cable
Receptacle, Gold (Au) Flash Plating, with Reel
Direction - Type 2, Lead free
Series Number : 67581
Status : Active
Product Category : Crimp Terminals



Documents & Resources


Drawings
[675810010_sd.pdf](#)
[PK-67581-001-001.pdf](#)

3D Models and Design Files
[675810010_stp.zip](#)

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
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

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 2, Lead free
Application	Signal, Wire-to-Board
Product Name	Serial ATA
UPC	822348025756

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 ²	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>
T2 Terminator Die	<u>638561000</u>
FineAdjust Applicator	<u>638661000</u>
FineAdjust Applicator for Serial SATA Crimp Power Terminal	<u>639023500</u>
T2 Terminator for Serial SATA Crimp Power Terminal	<u>639123500</u>