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**Part Number:** **0471281000**  
**Status:** **Active**  
**Overview:** Slimline Serial ATA ODD Connectors  
**Description:** 1.27mm Pitch Crimp Terminal for Serial ATA Power Cable Receptacle, Gold (Au) Flash Plating, Lead free

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<u>47128</u>
Application	Signal
Crimp Quality Equipment	Yes
Current Released Drawing	E-47128-001
Current Released Revision	D
Overview	<u>Slimline Serial ATA ODD Connectors</u>
Product Name	Serial ATA, Slimline Serial ATA
UPC	822348344185

**Physical**

Durability (mating cycles max)	50
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	160.067/mg
Packaging Type	Reel
Plating min: Mating (µin)	2
Plating min: Mating (µm)	0.05
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.20-1.60mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm <sup>2</sup>	2.00-3.79

**Electrical**

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

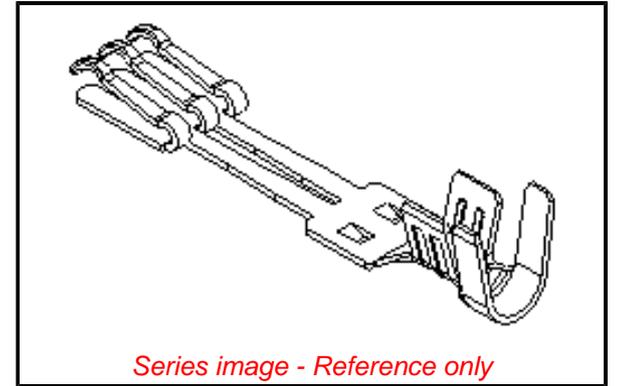
**Solder Process Data**

Lead-freeProcess Capability	WAVE
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**Material Info**

**Reference - Drawing Numbers**

Crimp Specification	CS-47128-001
Sales Drawing	SD-47128-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**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.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

47128 Series

**Use With**

67582 Crimp Housing for Serial ATA Power Cable Receptacle

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