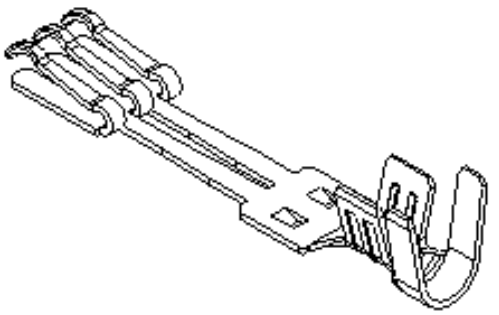
Part Number: 0471281002
Status: Active
Overview: Slimline Serial ATA ODD Connectors
Description: 1.27mm Pitch Crimp Terminal for Serial ATA Power Cable Receptacle, 0.38 µm Gold (Au) Plating, Lead free



Series image - Reference only

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	47128
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	Slimline Serial ATA ODD Connectors
Product Name	Serial ATA, Slimline Serial ATA
UPC	822348344208
Physical	
Durability (mating cycles max)	50
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	160.100/mg
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.20-1.60mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	2.00-3.79
Electrical	
Current - Maximum per Contact	1.5A
Voltage - Maximum	15V DC
Solder Process Data	
Lead-freeProcess Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Crimp Specification	CS-47128-001
Sales Drawing	SD-47128-001

EU ELV
Not Relevant

EU RoHS **China RoHS**
Not Relevant
REACH SVHC
Not Relevant
Halogen-Free Status
Not Relevant
For more information, please visit Contact US

China ROHS	Not Relevant
ELV	Not Relevant
RoHS Phthalates	Not Relevant

Search Parts in this Series
47128 Series

Use With
67582 Crimp Housing for Serial ATA Power Cable Receptacle

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 #
Hand Crimp Tool	638258300
FineAdjust Applicator for Serial ATA Power Cable Receptacle Terminals	639028100

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:
47128-1002