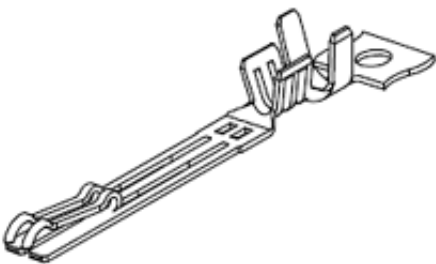# molex

Part Number : 476341002

Product Description : 1.00mm Pitch Crimp Terminal for Slimline Serial ATA Power Cable Receptacle, 0.38μm Gold (Au) Plating, Lead free

Series Number : 47634

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings
476341002_sd.pdf

Specifications
PS-47634-001-005.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	ⓔ
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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)

Part Details

General

Status	Active
Category	Crimp Terminals
Series	47634
Description	1.00mm Pitch Crimp Terminal for Slimline Serial ATA Power Cable Receptacle, 0.38µm Gold (Au) Plating, Lead free
Application	Signal, Wire-to-Board
Product Name	Serial ATA,Slimline Serial ATA
UPC	883906160197

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Durability (mating cycles max)	50
Flammability	94V-0
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.119/g
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

Use with Part(s)

Description	Part Number
1.00mm Pitch Crimp Housing for Slimline Serial ATA Power Cable Receptacle, 4 Circuits, Black	476342000

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	638132700
Hand Crimp Tool For SATA Power Cable Crimp Receptacles	638239000
T2 Terminator Die	638561000
FineAdjust Applicator	638661000
FineAdjust Applicator for Serial SATA Crimp Power Terminal	639023500
T2 Terminator for Serial SATA Crimp Power Terminal	639123500