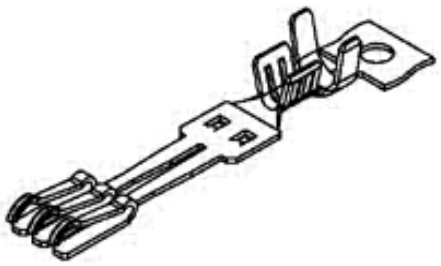
Part Number : 675810000
Product Description : 1.27mm Pitch Serial ATA Crimp Terminal for Power Cable Receptacle, Gold (Au) Flash Plating, with Reel Direction - Type 1, Lead free
Series Number : 67581
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

675810000_sd.pdf

PK-67581-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-67490-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 1, Lead free
Application	Signal, Wire-to-Board
Product Name	Serial ATA
UPC	800756591346

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

Solder Process Data

Lead-Free Process Capability	WAVE

Mates With / Use With

Use with Part(s)

Description	Part Number
1.27mm Pitch Crimp Housings for Serial ATA Power Cable Receptacles	67582

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	638132700
Hand Crimp Tool For SATA Power Cable Crimp Receptacles	638239900
