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Part Number: [67800-8102](#)
Status: **Active**
Overview: [Serial ATA Products](#)
Description: 1.27mm Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, 0.76µm Gold (Au) Plating, for 1.60mm PCB, High Temperature, Black, Footprint A, with PCB Locator Tabs, Lead-Free

Documents:

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

Agency Certification

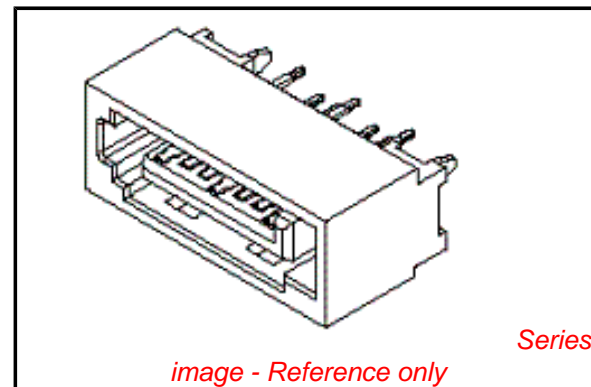
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [67800](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Comments In-line Solder Pin|Footprint A
 Overview [Serial ATA Products](#)
 Product Name Serial ATA
 UPC 822348715527

Physical

Breakaway No
 Circuits (Loaded) 7
 Circuits (maximum) 7
 Color - Resin Black
 Durability (mating cycles max) 50
 First Mate / Last Break Yes
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part Yes
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Net Weight 0.960/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 2.45mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 1.27mm
 Pitch - Termination Interface 1.27mm
 Polarized to Mating Part Yes
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55°C to +85°C
 Termination Interface: Style Through Hole



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
 67800Series

Electrical

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

Solder Process Data

Lead-free Process Capability SMC & Wave Capable (TH only)

Material Info**Reference - Drawing Numbers**

Electrical Model Document EE-67800-001
Sales Drawing SD-67800-008

This document was generated on 10/25/2012

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