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Part Number: **0678004005**
Status: **Obsolete**
Overview: serial_ata_products
Description: 1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, for 1.60mm (.063") PCB, Black, Footprint A, with PCB Locator Tabs
Replacement Part Number: 67800-8005

Documents:
[Drawing \(PDF\)](#)

Agency Certification

UL E29179

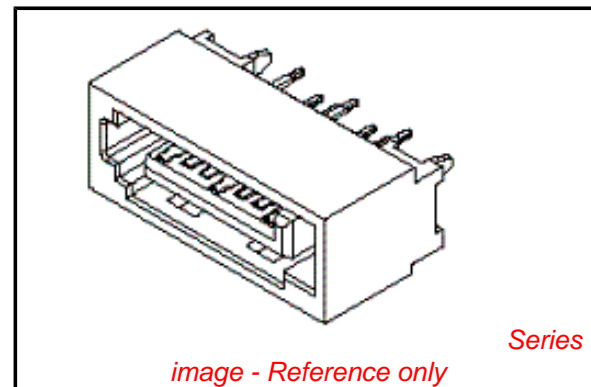
General

Product Family PCB Headers
 Series 67800
 Application Board-to-Board, Signal, Wire-to-Board
 Comments In-line Solder Pin
 Obsolete Date 2005/06/01
 Overview serial_ata_products
 Product Name Serial ATA
 Replacement Part Number 67800-8005

Physical

Breakaway No
 Circuits (Loaded) 7
 Circuits (maximum) 7
 Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 2.45mm (.096")
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm (.063")
 Packaging Type Tray
 Pitch - Mating Interface 1.27mm (.050")
 Pitch - Termination Interface 1.27mm (.050")
 Plating min - Mating 0.381µm (15µ")
 Plating min - Termination 1.905µm (75µ")
 Polarized to PCB Yes
 Shrouded Fully
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55°C to +85°C
 Termination Interface: Style Surface Mount

Electrical



EU RoHS

Not RoHS Compliant
REACH SVHC
 Not Reviewed
Low-Halogen Status
Not Reviewed

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

Current - Maximum per Contact 1.5A

Material Info

Reference - Drawing Numbers

Sales Drawing SD-67800-008

This document was generated on 05/11/2011

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