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Part Number: [47080-4005](#)
Status: **Active**
Overview: Serial ATA Signal Plugs
Description: 1.27mm Pitch Serial ATA Shrouded Signal Plug, Surface Mount, 7 Circuits, with Peg and Locking Latch, Color Black, 0.38µm Gold (Au) Plating, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-67490-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [47080](#)
Application Board-to-Board, Signal, Wire-to-Board
Overview [Serial ATA Signal Plugs](#)
Product Name Serial ATA
UPC 822348644735

Physical

Breakaway No
Circuits (Loaded) 7
Circuits (maximum) 7
Durability (mating cycles max) 500
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Plating Mating Gold
Material - Plating Termination Tin
Net Weight 0.989/g
Number of Rows 1
Orientation Right Angle
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 1.27mm
Plating min - Mating 0.381µm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded No
Stackable No
Temperature Range - Operating -35°C to +85°C
Termination Interface: Style Surface Mount

Electrical

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

Solder Process Data

Lead-free Process Capability Reflow Capable (SMT only)

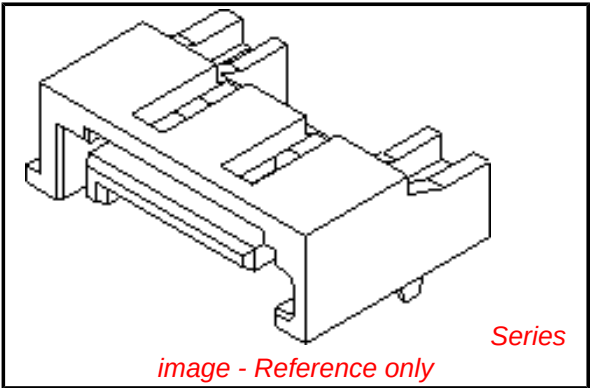


image - Reference only

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
[47080Series](#)

Mates With
67489 Serial ATA Signal Connect, ATA
Straight to Straight Signal Cable Assembly
[887505310](#) , [887505318](#) , [887505410](#) ,
[887505418](#)

Process Temperature max. C

230

Material Info

Reference - Drawing Numbers

Electrical Model Document

EE-47080-001

Product Specification

PS-67490-001, RPS-67490-002

S-Parameter Model

SP-47080-001

Sales Drawing

SD-47080-001

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