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Part Number: [0470804005](#)
Status: **Active**
Overview: [serial_ata_signal_plugs](#)
Description: 1.27mm (.050") Pitch Serial ATA Shrouded Signal Plug, Surface Mount, 7 Circuits, with Peg and Locking Latch, Color Black, 0.38µm (15µ") Gold (Au) Plating, Lead-free

Documents:

[3D Model](#) [Product Specification PS-67490-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [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

Physical

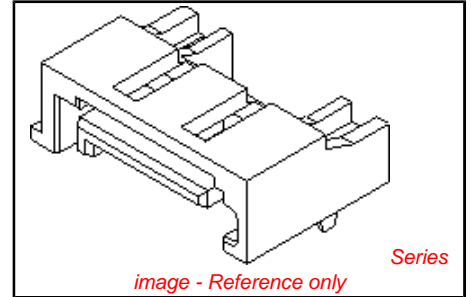
Breakaway No
 Circuits (Loaded) 7
 Circuits (maximum) 7
 Durability (mating cycles max) 500
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Number of Rows 1
 Orientation Right Angle
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm (.063")
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 1.27mm (.050")
 Plating min - Mating 0.381µm (15µ")
 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)
 Process Temperature max. C 230



<p>EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Not Low-Halogen</p>	<p>China RoHS</p>
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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](#)

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-67490-001, RPS-67490-002
SD-47080-001

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