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Part Number: [0470182000](#)
Status: **Active**
Overview: [serial_ata_127_host_receptacles](#)
Description: 1.27mm (.050") Pitch Serial ATA Host Receptacle, Mating Height 4.30mm (.169"), Gold (Au) Flash, Light Tin Solder Area, Surface Mount, Right Angle, Top Mount Type, 22 Circuits, Lead Free

Documents:

[3D Model](#) [Product Specification PS-67492-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [47018](#)
 Application Board-to-Board, Signal
 Comments Top Mount Type
 Overview [serial_ata_127_host_receptacles](#)
 Product Name Serial ATA

Physical

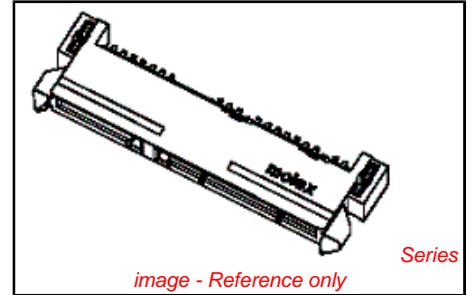
Circuits (Loaded) 22
 Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Glow-Wire Compliant No
 Keying to Mating Part Yes
 Lock to Mating Part None
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 1.60mm (.063")
 PCB Locator Yes
 PCB Retention Yes
 Packaging Type Tray
 Pitch - Mating Interface 1.27mm (.050")
 Pitch - Termination Interface 1.27mm (.050")
 Plating min - Termination 2.032µm (80µ")
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Surface Mount Compatible (SMC) N/A
 Temperature Range - Operating -35°C to +85°C
 Termination Interface: Style Surface Mount

Electrical

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

Solder Process Data

Lead-free Process Capability Reflow Capable (SMT only)
 Process Temperature max. C 230



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| <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.

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| <p>Search Parts in this Series 47018Series</p> |
| <p>Mates With 87703-0001</p> |

Material Info

Country of Origin

CN, HK

Reference - Drawing Numbers

Packaging Specification

PK-67492-001

Product Specification

PS-67492-001

Sales Drawing

SD-47018-001

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