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Part Number: [0471554031](#)
Status: **Active**
Overview: [serial_ata_signal_plugs](#)
Description: 1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, Gold (Au) Flash, for 1.60mm (.063") PCB, Tail Length 2.10mm (.083"), Blue, Footprint A, with PCB Locator Pegs, Lead-free

Documents:

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

General

Product Family	PCB Headers
Series	47155
Application	Board-to-Board, Signal, Wire-to-Board
Comments	Footprint A
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	Yes
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.10mm (.083")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Through Hole

Electrical

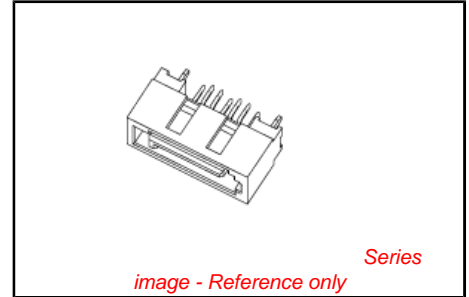
Current - Maximum per Contact	1.5A
Voltage - Maximum	15V

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	230

Material Info

Reference - Drawing Numbers



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

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

Search Parts in this Series

[47155Series](#)

Mates With

[67489 Serial ATA Signal Connector](#)

Product Specification
Sales Drawing

PS-67490-001, RPS-67490-002
SD-47155-004

This document was generated on 05/20/2011

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