

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [47155-4041](#)
Status: **Active**
Overview: Serial ATA Signal Plugs
Description: 1.27mm Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, Gold (Au) Flash, for 1.60mm PCB, Tail Length 2.10mm, White, 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
UPC	822348522736

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
Net Weight	0.908/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.10mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.27mm
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

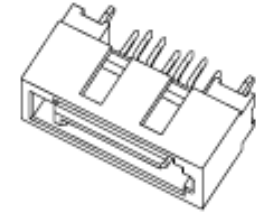


image - Reference only

Series

EU RoHS

ELV and 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

[47155Series](#)

Mates With

[67489](#) Serial ATA Signal Connector

Reference - Drawing Numbers

Electrical Model Document

Product Specification

Sales Drawing

EE-47155-001

PS-67490-001, RPS-67490-002

SD-47155-004

This document was generated on 10/25/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION