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**Part Number:** [47155-4001](#)  
**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, Black, Footprint A, with PCB Locator Pegs, Lead-Free

**Documents:**

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

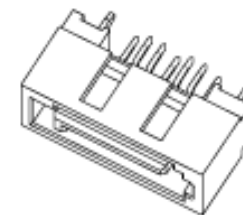
**General**

Product Family	PCB Headers
Series	<a href="#">47155</a>
Application	Board-to-Board, Signal, Wire-to-Board
Comments	Footprint A
MolexKits	Yes
Overview	<a href="#">Serial ATA Signal Plugs</a>
Product Name	Serial ATA
UPC	822348522712

**Physical**

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
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 - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
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
Plating min - Mating	0.051µm
Plating min - Termination	1.905µm
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**



*image - Reference only*

*Series*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto: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

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**

Electrical Model Document EE-47155-001  
Product Specification PS-67490-001, RPS-67490-002  
Sales Drawing SD-47155-004

This document was generated on 10/25/2012

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