molex®
one company › a world of innovation

This document was generated on 11/04/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:	**0471554041**
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"), 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)

Series image - Reference only

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
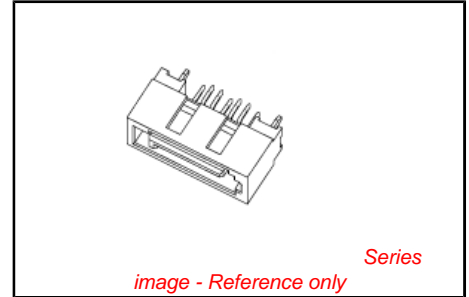|	
Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Durability (mating cycles max)	500
First Mate / Last Break	Yes
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Number of Rows	1
Orientation	Vertical
PC Tail Length	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
Country of Origin	CN

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

Downloaded from Elcodis.com electronic components distributor

Reference - Drawing Numbers

Packaging Specification   PK-67800-002
Product Specification   PS-67490-001, RPS-67490-002
Sales Drawing   SD-47155-004

This document was generated on 11/04/2010
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION