

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0685610016](#)  
**Status:** **Active**  
**Overview:** Serial ATA Connectors and Cable Assemblies  
**Description:** 1.27mm Pitch Serial ATA Straight Latching-to-Right-Angle Latching Signal Cable Assembly, 0.50m Length, Red, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-68561-0016 \(PDF\)](#)

**General**

Product Family	Cable Assemblies
Series	<a href="#">68583</a>
Application	Signal
Assembly Configuration	Dual Ended Connectors
Comments	Generation 3 (6 Gbps)
Connector to Connector	Serial ATA-to-Serial ATA
Overview	<a href="#">Serial ATA Connectors and Cable Assemblies</a>
Product Name	Serial ATA
UPC	822348489947

**Physical**

Cable Length	0.50m
Circuits (Loaded)	7
Color - Resin	Black, Natural
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Stainless Steel
Material - Resin	Low Density Polyethylene, Polyester
Net Weight	17.800/g
Packaging Type	Bag
Pitch - Mating Interface	1.27mm
Single Ended	No
Termination Interface: Style	Solder
Wire Insulation Diameter	N/A
Wire Size AWG	26
Wire/Cable Type	PVC

**Electrical**

Current - Maximum per Contact	1.5A
Impedance	100Ω
Shielded	Yes
Voltage - Maximum	40V

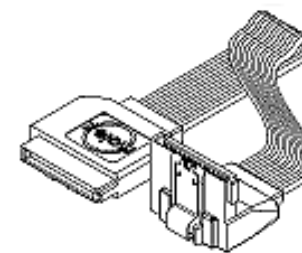
**Solder Process Data**

Duration at Max. Process Temperature (seconds)	060
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-68561-0016
Sales Drawing	SD-68561-0016, SD-68561-002



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[68583 Series](#)

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**