

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0685610014**
Status: **Active**
Overview: Serial ATA Connectors and Cable Assemblies
Description: 1.27mm Pitch, Serial ATA Straight Latching-to-Straight Latching Signal Cable Assembly, 0.50m Length, Red, Lead-Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-68561-007 \(PDF\)](#)

General

Product Family	Cable Assemblies
Series	68583
Application	Signal
Assembly Configuration	Dual Ended Connectors
Comments	Generation 3 (6 Gbps)
Connector to Connector	Serial ATA-to-Serial ATA
Overview	Serial ATA Connectors and Cable Assemblies
Product Name	Serial ATA
UPC	822348489916

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	16.500/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

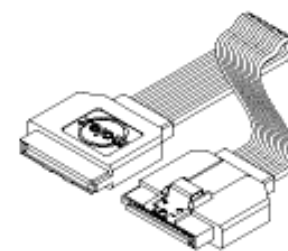
Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-68561-007
Sales Drawing	SD-68561-001, SD-68561-0014



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](#)