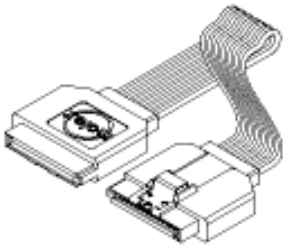


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Part Number: 0685610014
Status: Active
Overview: Serial ATA Connectors and Cable Assemblies
Description: 1.27mm Pitch, Serial ATA Straight Latching-to-Straight Latching Signal Cable Assembly, 0.50m Length, Red, Lead-Free

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
Data Load Status	Data Bulk Loaded from Saqqara
Made From	0674899002, 0887808052
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	Surface Mount
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 **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/30/2017 (7 July
2017)
Halogen-Free
Status
Not Low-Halogen
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
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non-product compliance questions.

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

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68583 Series

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