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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 | 68583 |
| Application | Signal |
| Assembly Configuration | Dual Ended Connectors |
| Comments | Generation 3 (6 Gbps), Generation 3 (6 Gbps) |
| Connector to Connector | Serial ATA-to-Serial ATA |
| Overview | Serial ATA Connectors and Cable Assemblies |
| 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 |
| Number of Rows | 1 |
| 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 |

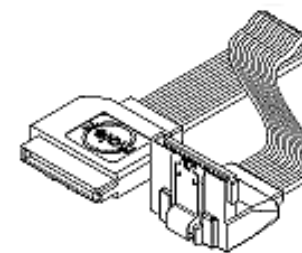
Solder Process Data

| | |
|--|-----|
| 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 -
ECHA_01_2020 (16
January 2020

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](#)

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