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**Part Number:** [0685610016](#)  
**Status:** **Active**  
**Overview:** Serial ATA Products  
**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 \(PDF\)](#)

**General**

|                        |                                     |
|------------------------|-------------------------------------|
| Product Family         | Cable Assemblies                    |
| Series                 | <a href="#">68561</a>               |
| Assembly Configuration | Dual Ended Connectors               |
| Comments               | Generation 3 (6 Gbps)               |
| Connector to Connector | Serial ATA-to-Serial ATA            |
| Overview               | <a href="#">Serial ATA Products</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 | Surface Mount                       |
| Wire Insulation Diameter     | N/A                                 |
| Wire Size AWG                | 26                                  |
| Wire/Cable Type              | PVC                                 |

**Electrical**

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

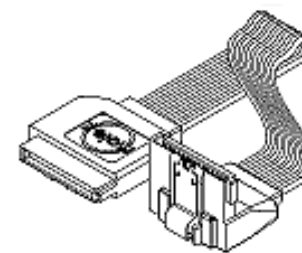
**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing [SD-68561-0016](#), [SD-68561-002](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

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[68561](#) Series