

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

**Part Number:** **0687840002**  
**Status:** **Active**  
**Overview:** USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles  
**Description:** USB Shielded I/O Cable Assembly, USB A-to-Micro-USB B, 1.50m Length, Black, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-68784-001-001 \(PDF\)](#)

**General**

|                        |  |
|------------------------|--|
| Product Family         | Cable Assemblies   |
| Series                 | <a href="#">68784</a>  |
| Assembly Configuration | Dual Ended Connectors  |
| Connector to Connector | USB Type A-to-Micro-USB Type B   |
| Overview               | <a href="#">USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles</a> |
| Product Name           | Micro-USB, USB   |
| UPC                    | 883906173746   |

**Physical**

|                                |              |
|--------------------------------|--------------|
| Cable Length                   | 1.50m        |
| Circuits (Loaded)              | 4, 5         |
| Color - Resin                  | Black        |
| Gender                         | Male-Male    |
| Lock to Mating Part            | Yes          |
| Material - Metal               | Copper Alloy |
| Material - Plating Mating      | Nickel       |
| Material - Plating Termination | Gold         |
| Material - Resin               | PVC          |
| Net Weight                     | 37.700/g     |
| Number of Rows                 | 1            |
| Packaging Type                 | Bag          |
| Single Ended                   | No           |
| Waterproof / Dustproof         | No           |
| Wire Size AWG                  | 28           |
| Wire/Cable Type                | Round        |

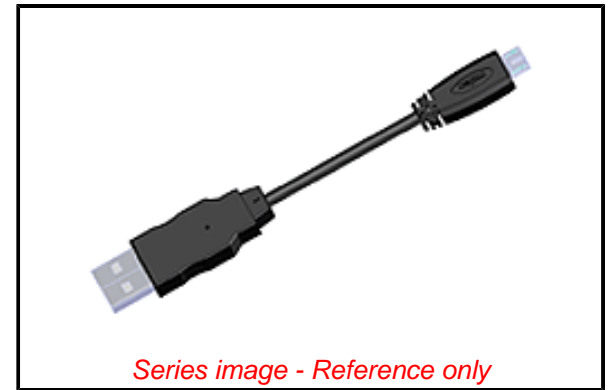
**Electrical**

|                               |             |
|-------------------------------|-------------|
| Current - Maximum per Contact | 1.8A, 1.0A  |
| Impedance                     | 90Ω         |
| Shield Type                   | Full Shield |
| Shielded                      | Yes         |
| Voltage - Maximum             | 30V AC      |

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-68784-001-001 |
| Sales Drawing           | SD-68784-001-001 |



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[68784 Series](#)

**Mates With**

Micro-USB B-type Receptacles

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