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Part Number: [0687840003](#)
Status: **Active**
Overview: [micro_usb](#)
Description: USB Shielded I/O Cable Assembly, USB A-to-Micro-USB B, 2.0m (6.56') Length, Black, Lead free

Documents:

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

General

Product Family	Cable Assemblies
Series	68784
Connector to Connector	USB Type A-to-Micro-USB Type B
Overview	micro_usb
Product Name	Micro-USB, USB

Physical

Cable Length	2.0m (6.56')
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
Packaging Type	Bag
Single Ended	No
Waterproof / Dustproof	No
Wire Size AWG	28
Wire/Cable Type	Round

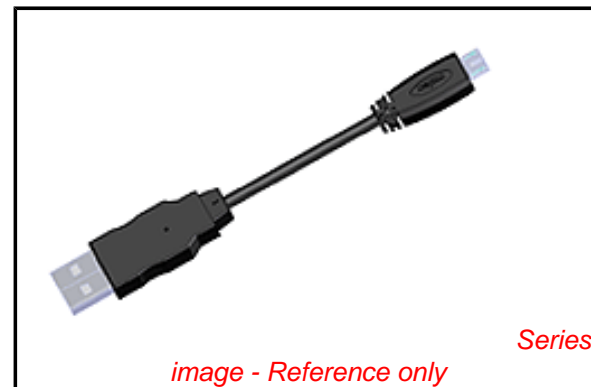
Electrical

Current - Maximum per Contact	1.8A, 1A
Impedance	90 ohms
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC

Material Info

Reference - Drawing Numbers

Product Specification	PS-68784-001
Sales Drawing	SD-68784-001



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**Halogen-Free
Status**

China RoHS



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

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[68784Series](#)

Mates With

Micro-USB B-type Receptacles

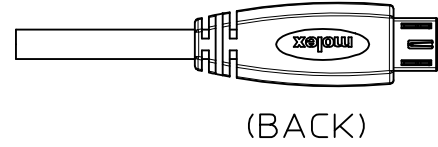
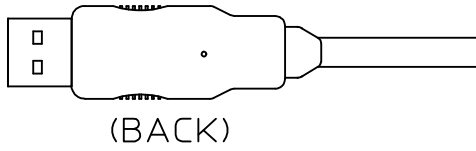
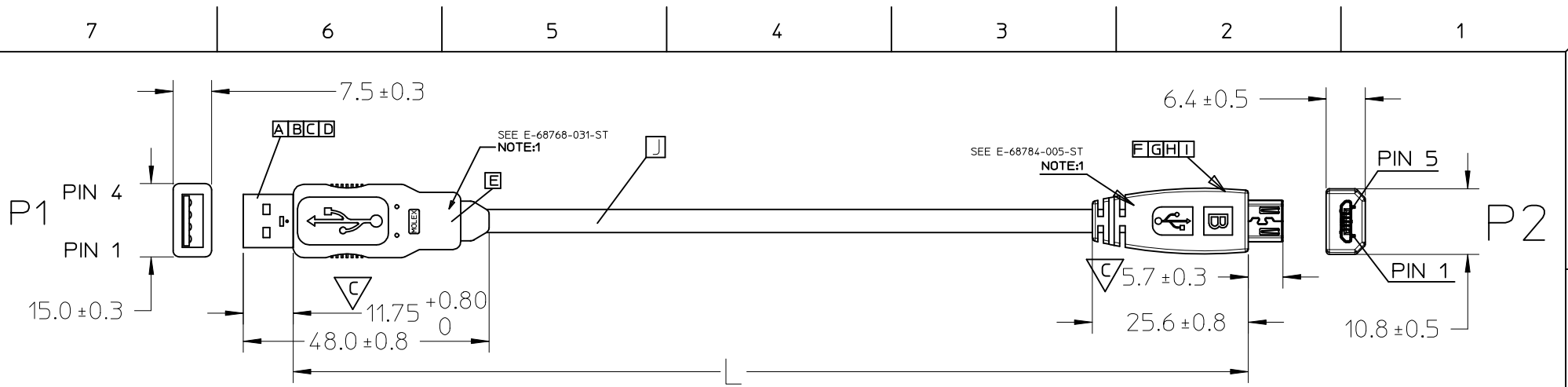


TABLE:

ITEM	MATERIAL NO.	DESCRIPTION	L
1	687840001	USB A TO MICRO B CABLE ASSY	1000±20
2	687840002	USB A TO MICRO B CABLE ASSY	1500±30
3	687840003	USB A TO MICRO B CABLE ASSY	2000±40

SHELL	BRAID WIRE	SHELL	ITEM	DESCRIPTION	L(REF)	QTY.
4	28AWG BLACK	5	J	USB2.0 1P*28AWG+2C*28AWG	L	
3	28AWG GREEN	3	I	COPPER FOIL		1
2	28AWG WHITE	2	H	SHIELD BOTTOM		1
1	28AWG RED	1	G	PLUG SHIELD MICRO B SLIMTYPE		1
P1	Wire Color	P2	F	MICRO_USB PLUG UNIT B TYPE		1
			E	COPPER FOIL		1
			D	TERMINAL (AWG26/28)		4
			C	REAR SHELL		1
			B	FRONT SHELL		1
			A	CRIMP HOUSING		1

- NOTE:
 1. OVERMOLD SPECIFICATION:
 OUTER MOLDER WITH PVC RESIN P/N IS 887800019
 INNER MOLDER WITH PE RESIN P/N IS 887800008
 2. PRODUCT ELECTRICAL SPECIFICATION:
 REFER TO ES-003 ELECTRICAL SPECIFICATION FOR DETAILS
 3. THIS PRODUCT MUST MEET ROHS COMPLIANCE.

ENTER DESCRIPTION
 EC NO: DG2009-0058
 DRWN: JTHUANG 2008/09/30
 CHKD: 2008/10/14
 APPR: BLAU 2008/10/31
 REV A

QUALITY SYMBOLS
 ▼=0
 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

 ANGULAR ±---°
 DRAFT WHERE APPLICABLE
 MUST REMAIN
 WITHIN DIMENSIONS

DIMENSION STYLE
 MM ONLY
 DRAWN BY DATE
 JTHUANG 08-09-30
 CHECKED BY DATE
 BENTZ, LIU 08-09-30
 APPROVED BY DATE
 BENTZ, LIU 08-09-30
 MATERIAL NO.
 SEE TABLE

SCALE

 DESIGN UNITS
 METRIC
 THIRD ANGLE PROJECTION
 TITLE
 USB A PLUG TO MICRO B
 PLUG CABLE ASSY
 MOLEX INCORPORATED
 DOCUMENT NO.
 SD-68784-001
 SHEET NO.
 1 OF 1
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION