

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0687840001

Status:

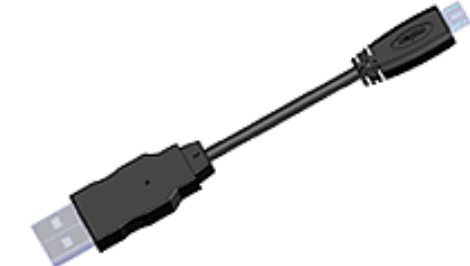
Active

Overview:

micro_usb

Description:

USB Shielded I/O Cable Assembly, USB A-to-Micro-USB B, 1.0m (3.28') Length, Black, Lead free



Series

image - Reference only

Documents:

Drawing (PDF)

Product Specification PS-68784-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Connector to Connector

MolexKits

Overview

Product Name

Cable Assemblies

68784

USB Type A-to-Micro-USB Type B

Yes

micro_usb

Micro-USB, USB

Physical

Cable Length

Circuits (Loaded)

Color - Resin

Gender

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Packaging Type

Single Ended

Waterproof / Dustproof

Wire Size AWG

Wire/Cable Type

1.0m (3.28')

4, 5

Black

Male-Male

Yes

Copper Alloy

Nickel

Gold

PVC

Bag

No

No

28

Round

Electrical

Current - Maximum per Contact

Impedance

Shield Type

Shielded

Voltage - Maximum

1.8A, 1A

90 ohms

Full Shield

Yes

30V AC

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-68784-001

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

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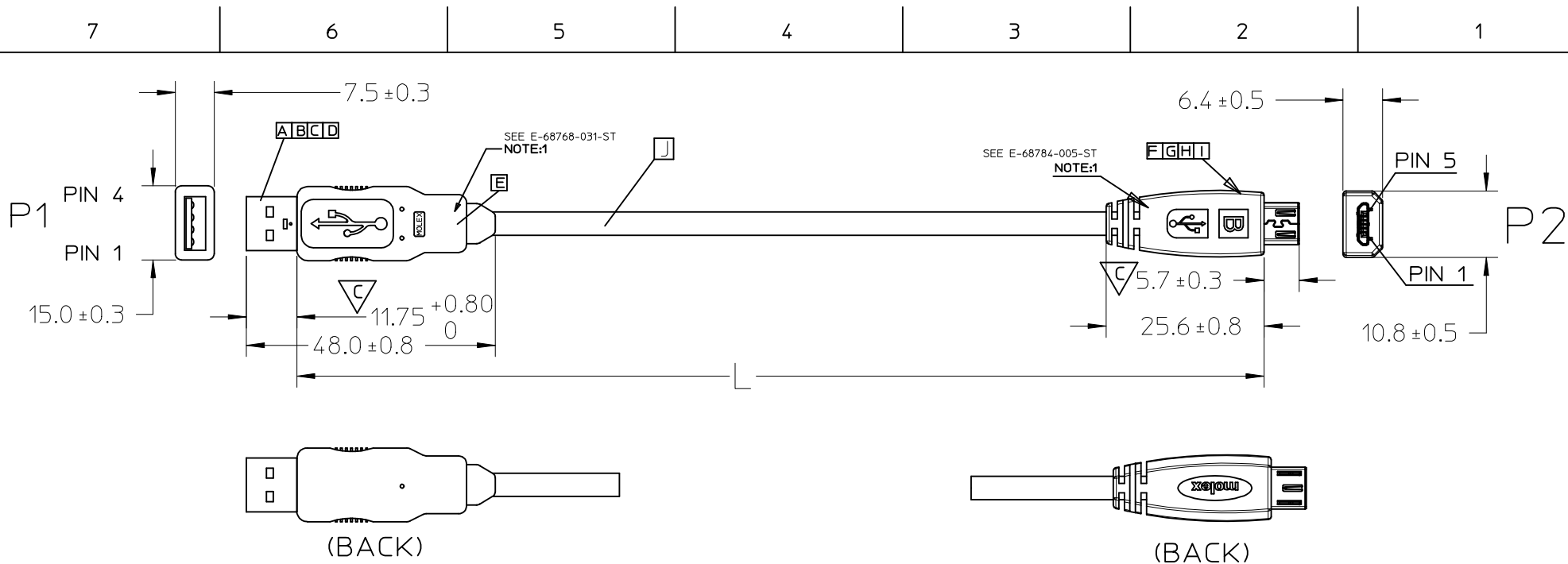


TABLE:

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	J	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
	PIN ASSIGNMENTS		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
 CHKD:
 APPR: BLAU
 2008/09/30
 2008/10/14
 2008/10/31
 A

QUALITY
 SYMBOLS
 ▼=0
 C=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.	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
A 4	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
---	METRIC		
TITLE			
USB A PLUG TO MICRO B PLUG CABLE ASSY			
MOLEX INCORPORATED			
DOCUMENT NO.		SHEET NO.	
SD-68784-001		1 OF 1	