

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0887328902](#)
Status: **Active**
Overview: [usb](#)
Description: USB On-The-Go (OTG) Shielded I/O Cable Assembly, USB A-to-Mini B, USB 2.0, 2.0m (6.56') Length Black

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Cable Assemblies
Series	88740
Connector to Connector	USB Type A-to-Mini-B
Overview	usb
Product Name	USB

Physical

Cable Length	2.0m (6.56')
Circuits (Loaded)	5
Color - Resin	Black
Gender	Male-Male
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Packaging Type	Bag
Pitch - Mating Interface (in)	0.031 In, 0.098 In
Pitch - Mating Interface (mm)	0.80 mm, 2.50 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	160
Plating min: Termination (µm)	4
Single Ended	No
Termination Interface: Style	Through Hole
Wire Insulation Diameter	N/A
Wire Size AWG	28
Wire/Cable Type	Round

Electrical

Current - Maximum per Contact	1A
Shielded	Yes
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-887328902
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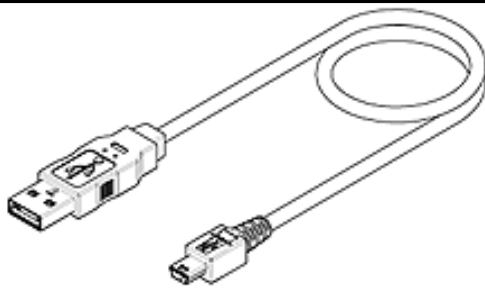


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



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

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

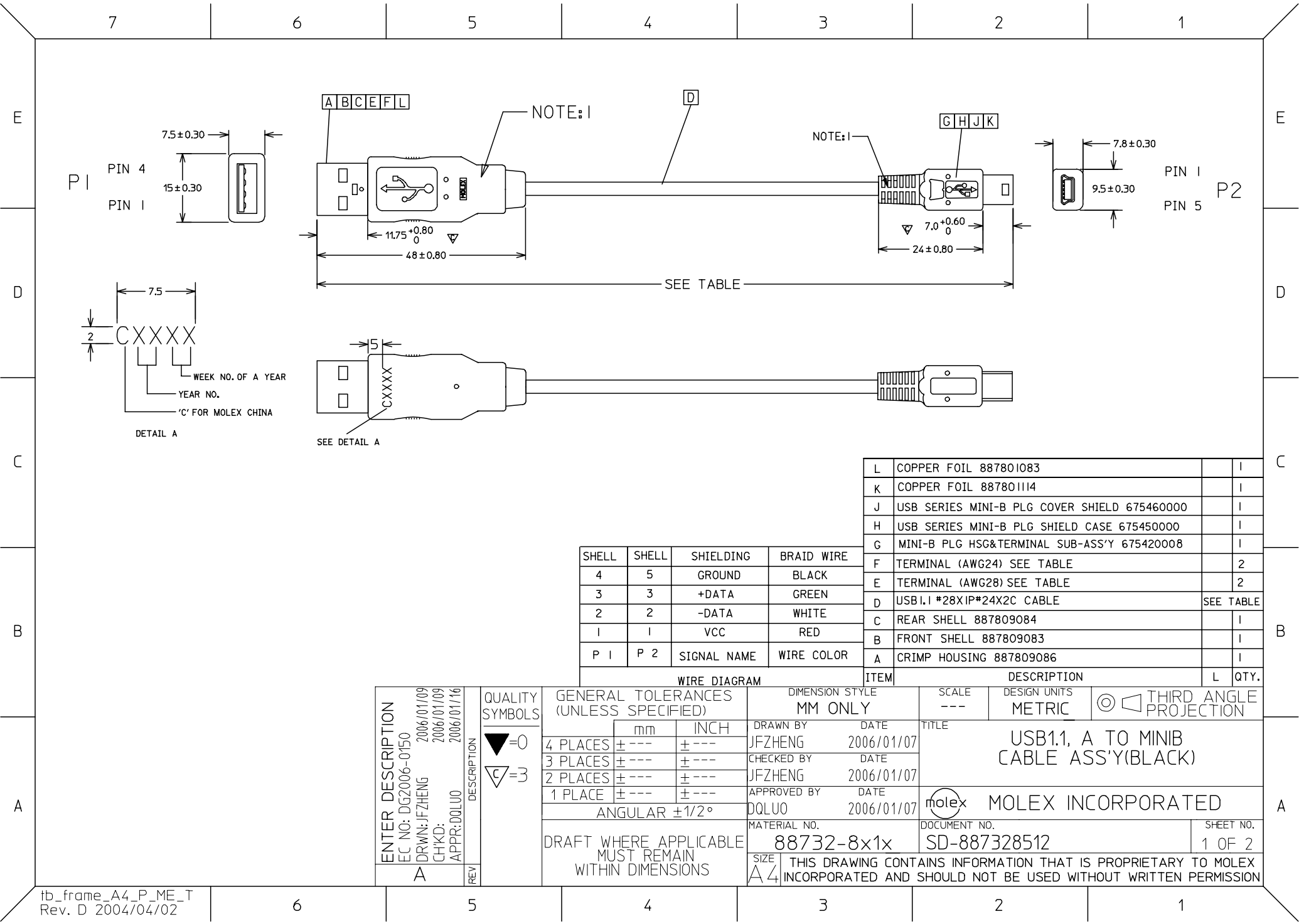
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[88740Series](#)

Mates With

USB On-The-Go (OTG) Mini-B Receptacle
[54819](#) , [48242](#) , [500075](#) , [67503](#). Universal
Serial Bus Shielded Receptacle Type
A [67329](#) [67226](#) , [67230](#) , [89485](#). [54366](#)
Universal Serial Bus Shielded I/O
Receptacle



L	COPPER FOIL 887801083		I
K	COPPER FOIL 887801114		I
J	USB SERIES MINI-B PLG COVER SHIELD 675460000		I
H	USB SERIES MINI-B PLG SHIELD CASE 675450000		I
G	MINI-B PLG HSG&TERMINAL SUB-ASS'Y 675420008		I
F	TERMINAL (AWG24) SEE TABLE		2
E	TERMINAL (AWG28) SEE TABLE		2
D	USB I.I *28XIP*24X2C CABLE	SEE TABLE	
C	REAR SHELL 887809084		I
B	FRONT SHELL 887809083		I
A	CRIMP HOUSING 887809086		I
ITEM	DESCRIPTION	L	QTY.

SHELL	SHELL	SHIELDING	BRAID WIRE
4	5	GROUND	BLACK
3	3	+DATA	GREEN
2	2	-DATA	WHITE
I	I	VCC	RED
P I	P 2	SIGNAL NAME	WIRE COLOR

WIRE DIAGRAM			ITEM		DESCRIPTION			L	QTY.
GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
	mm	INCH	DRAWN BY DATE		TITLE USB1.1, A TO MINIB CABLE ASS'Y(BLACK)				
PLACES	± ---	± ---	JFZHENG 2006/01/07						
PLACES	± ---	± ---	CHECKED BY DATE						
PLACES	± ---	± ---	JFZHENG 2006/01/07						
1 PLACE	± ---	± ---	APPROVED BY DATE		 MOLEX INCORPORATED				
ANGULAR ±1/2°			DQLUO 2006/01/07						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. 88732-8x1x		DOCUMENT NO. SD-887328512			SHEET NO. 1 OF 2	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

7	6	5	4	3	2	1																																																																																																																																																																	
NOTE: 1.MOLDED OVC RESIN,CABLE P/N & COLOR AS TABLE <table><tr><td>COOL GREY</td><td>887800079</td><td>887808421</td><td>COOL GREY</td></tr><tr><td>BLACK</td><td>887800019</td><td>887808239</td><td>BLACK</td></tr><tr><td>FROST WITHE</td><td>887800043</td><td>887808249</td><td>FROST WITHE</td></tr><tr><td>RESIN COLOR</td><td>RESIN P/N</td><td>CABLE P/N</td><td>CABLE COLOR</td></tr></table> 2.STICK UL LABEL ON EACH CARON. ELECTRICAL PERFORMANCE ALL TEST DUABILITY:0.01 SEC 1. DIELECTRONIC STRENGTH:500V DC 2. INSULATION RESISTANCE:100M OHMS MIN. 3. CONDUCTIVE RESISTANCE: 3 OHMS MAX. 4. ALL COMPOUENT MUST MEET RoHS COMPLIANCE. <table><tr><td>88732-8816</td><td>1800±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8239</td><td>88780-9091</td><td>88780-9090</td></tr><tr><td>88732-8713</td><td>1500±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8421</td><td>88780-9091</td><td>88780-9090</td></tr><tr><td>88732-8912</td><td>2000±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8239</td><td>88780-9091</td><td>88780-9090</td></tr><tr><td>88732-8812</td><td>1800±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8239</td><td>88780-9091</td><td>88780-9090</td></tr><tr><td>88732-8712</td><td>1500±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8239</td><td>88780-9091</td><td>88780-9090</td></tr><tr><td>88732-8612</td><td>1000±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8239</td><td>88794-1218</td><td>88794-1217</td></tr><tr><td>88732-8512</td><td>800±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8239</td><td>88794-1218</td><td>88794-1217</td></tr><tr><td>88732-8412</td><td>1200±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8239</td><td>88780-9091</td><td>88780-9090</td></tr><tr><td>88732-8910</td><td>2000±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8249</td><td>88780-9091</td><td>88780-9090</td></tr><tr><td>88732-8810</td><td>1800±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8249</td><td>88780-9091</td><td>88780-9090</td></tr><tr><td>88732-8710</td><td>1500±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8249</td><td>88780-9091</td><td>88780-9090</td></tr><tr><td>88732-8610</td><td>1000±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8249</td><td>88794-1218</td><td>88794-1217</td></tr><tr><td>88732-8510</td><td>800±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8249</td><td>88794-1218</td><td>88794-1217</td></tr><tr><td>88732-8410</td><td>1200±30</td><td>USB_A TO MINI_B 1.1 VER</td><td>88780-8249</td><td>88780-9091</td><td>88780-9090</td></tr><tr><td>MX P/N</td><td>CABLE LENGTH</td><td>DESCRIPTION</td><td>CABLE P/N</td><td>TERM. 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