

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

**Part Number:** [0887328702](#)  
**Status:** **Active**  
**Overview:** [usb](#)  
**Description:** USB On-The-Go (OTG) Shielded I/O Cable Assembly, USB A-to-Mini B, USB 2.0, 1.50m (4.92' ) Length, Black

**Documents:**

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

**General**

Product Family	Cable Assemblies
Series	<a href="#">88740</a>
Connector to Connector	USB Type A-to-Mini-B
Overview	<a href="#">usb</a>
Product Name	USB

**Physical**

Cable Length	1.50m (4.92' )
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-887328702
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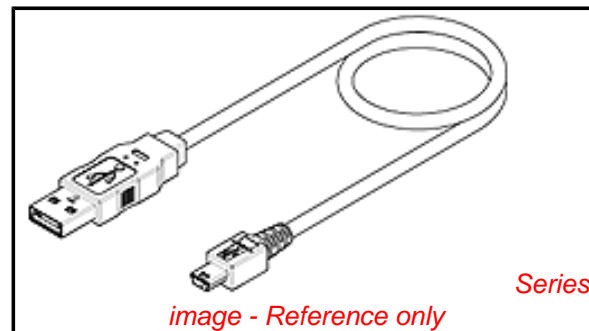


image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

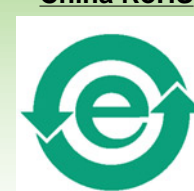
Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**China RoHS**



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

Email [productcompliance@molex.com](mailto: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](#)

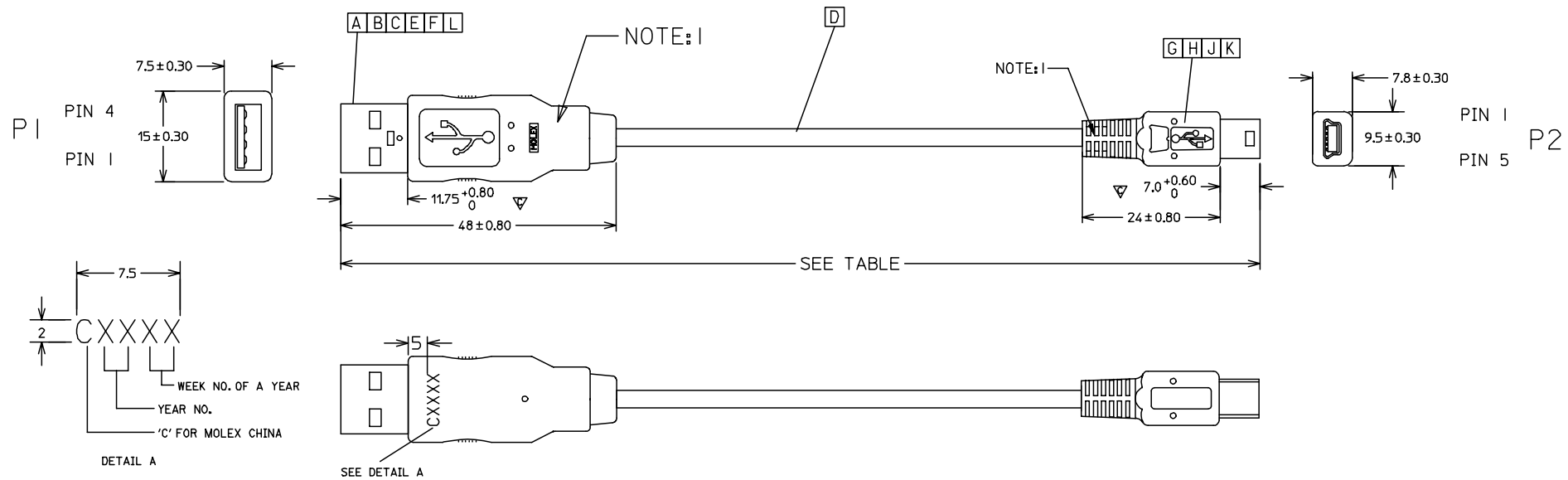
**Mates With**

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

7 6 5 4 3 2 1

E  
D  
C  
B  
A

E  
D  
C  
B  
A



SHELL	SHELL	SHIELDING	BRAID WIRE
4	5	GROUND	BLACK
3	3	+DATA	GREEN
2	2	-DATA	WHITE
1	1	VCC	RED
P 1	P 2	SIGNAL NAME	WIRE COLOR

ITEM	DESCRIPTION	L	QTY.
L	COPPER FOIL 887801083		1
K	COPPER FOIL 887801114		1
J	USB SERIES MINI-B PLG COVER SHIELD 675460000		1
H	USB SERIES MINI-B PLG SHIELD CASE 675450000		1
G	MINI-B PLG HSG&TERMINAL SUB-ASS'Y 675420008		1
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		1
B	FRONT SHELL 887809083		1
A	CRIMP HOUSING 887809086		1

ENTER DESCRIPTION EC NO: DG2006-0150 DRWN: JFZHENG CHKD: APPR: DQLUO	2006/01/09 2006/01/09 2006/01/16	QUALITY SYMBOLS ▽=0 ◻=3	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY JFZHENG	DATE 2006/01/07	TITLE USB1.1, A TO MINIB CABLE ASS'Y(BLACK)			
			4 PLACES	±---	±---	CHECKED BY JFZHENG	DATE 2006/01/07				
			3 PLACES	±---	±---	APPROVED BY DQLUO	DATE 2006/01/07	MATERIAL NO. 88732-8x1x			
2 PLACES	±---	±---	ANGULAR ±1/2°		DOCUMENT NO. SD-887328512		SHEET NO. 1 OF 2				
1 PLACE	±---	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

6 5 4 3 2 1

NOTE:

1.MOLDED OVC RESIN,CABLE P/N & COLOR AS TABLE

COOL GREY	887800079	887808421	COOL GREY
BLACK	887800019	887808239	BLACK
FROST WITHE	887800043	887808249	FROST WITHE
RESIN COLOR	RESIN P/N	CABLE P/N	CABLE COLOR

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.



88732-8816	1800±30	USB_A TO MINI_B I.I VER	88780-8239	88780-9091	88780-9090
88732-8713	1500±30	USB_A TO MINI_B I.I VER	88780-8421	88780-9091	88780-9090
88732-8912	2000±30	USB_A TO MINI_B I.I VER	88780-8239	88780-9091	88780-9090
88732-8812	1800±30	USB_A TO MINI_B I.I VER	88780-8239	88780-9091	88780-9090
88732-8712	1500±30	USB_A TO MINI_B I.I VER	88780-8239	88780-9091	88780-9090
88732-8612	1000±30	USB_A TO MINI_B I.I VER	88780-8239	88794-1218	88794-1217
88732-8512	800±30	USB_A TO MINI_B I.I VER	88780-8239	88794-1218	88794-1217
88732-8412	1200±30	USB_A TO MINI_B I.I VER	88780-8239	88780-9091	88780-9090
88732-8910	2000±30	USB_A TO MINI_B I.I VER	88780-8249	88780-9091	88780-9090
88732-8810	1800±30	USB_A TO MINI_B I.I VER	88780-8249	88780-9091	88780-9090
88732-8710	1500±30	USB_A TO MINI_B I.I VER	88780-8249	88780-9091	88780-9090
88732-8610	1000±30	USB_A TO MINI_B I.I VER	88780-8249	88794-1218	88794-1217
88732-8510	800±30	USB_A TO MINI_B I.I VER	88780-8249	88794-1218	88794-1217
88732-8410	1200±30	USB_A TO MINI_B I.I VER	88780-8249	88780-9091	88780-9090
MX P/N	CABLE LENGTH	DESCRIPTION	CABLE P/N	TERM. E	TERM. F

ENTER DESCRIPTION EC NO: DG2006-0150 DRWN: JFZHENG CHKD: APPR: DQLUO	2006/01/09 2006/01/09 2006/01/16	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			▽=0 ▽=3	mm    INCH	MM ONLY	---	METRIC	
			4 PLACES ± --- ± ---	DRAWN BY    DATE	TITLE			
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2 PLACES ± --- ± ---	CHECKED BY    DATE	MATERIAL NO.						
1 PLACE ± --- ± ---	JFZHENG    2006/01/07	88732-8x1x						
ANGULAR ±1/2°	APPROVED BY    DATE	DOCUMENT NO.						
	DQLUO    2006/01/07	SD-887328512						
		SHEET NO.						
		2 OF 2						
		SIZE						
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