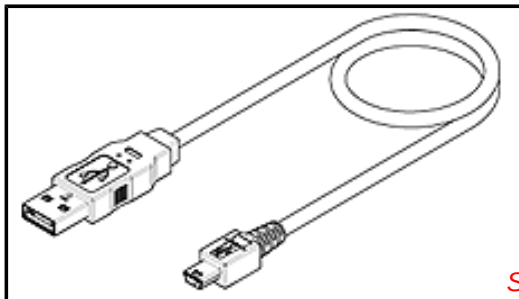
This document was generated on 05/25/2010

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

**Part Number:** 0887328512
**Status:** Active
**Overview:** usb
**Description:** USB On-The-Go (OTG) Shielded I/O Cable Assembly, USB A-to-Mini B, USB 1.1, 0.80m (2.62' ) Length, Black



*Series image - Reference only*

**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 | 0.80m (2.62' ) |
| 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-887328512 |

**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

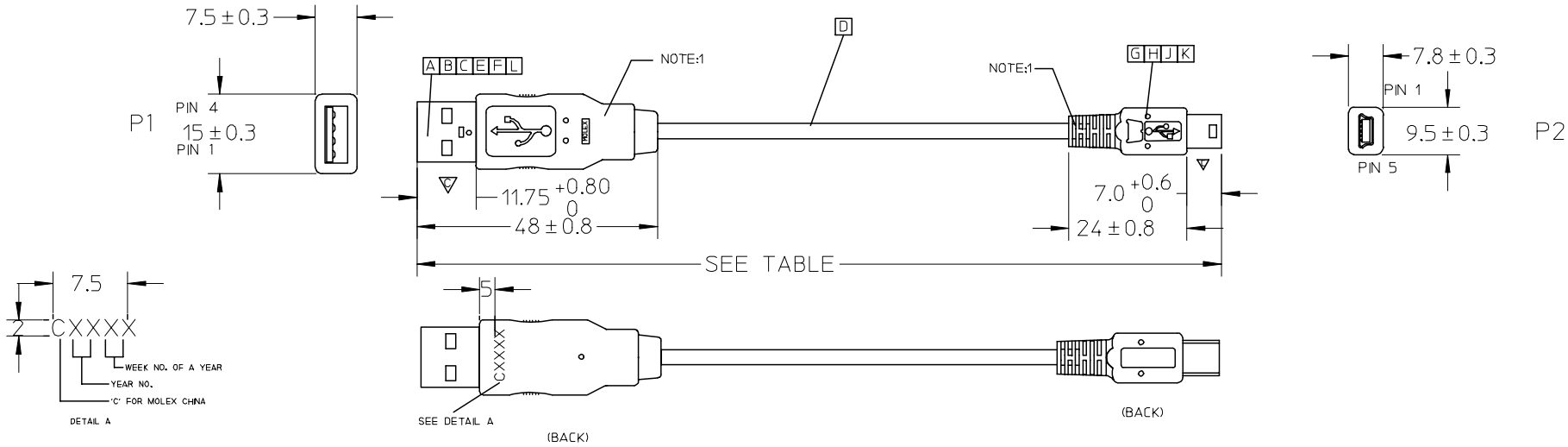
Please visit the Contact Us section for any non-product compliance questions.

**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

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| 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 |

WIRE DIAGRAM

| 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 | USB2.0 #28/#24 , CABLE(SEE TABLE) | | |
| C | REAR SHELL 887809084 | | 1 |
| B | FRONT SHELL 887809083 | | 1 |
| A | CRIMP HOUSING 887809086 | | 1 |

ENTER DESCRIPTION
EC NO: DG2006-0150 2006/01/09
DRWN: JFZHENG 2006/01/09
CH'KD: 2006/01/16
APPR: DQLUO
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
Ⓒ=2

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ±1/2° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JFZHENG DATE: 2006/01/07
CHECKED BY: JFZHENG DATE: 2006/01/07
APPROVED BY: DQLUO DATE: 2006/01/07

TITLE: USB2.0, A TO MINIB CABLE ASS'Y

MOLEX INCORPORATED

MATERIAL NO.: 887-328x-0x
DOCUMENT NO.: SD-887328500
SHEET NO.: 1 OF 2

SIZE A4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

NOTE:

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

| | | | |
|---|---|---|---|
| WHITE | 887800043 | 887808233 | WHITE |
| BEIGE | 887800059 | 887808244 | BEIGE |
| BLACK | 887800019 | 887808563 | BLACK |
| BLACK | 887800019 | 887808236 | BLACK |
| BLACK | 887800019 | 887808248 | BLACK |
| FROST WITHE | 887800043 | 887808243 | FROST WITHE |
| RESIN COLOR | RESIN P/N | CABLE P/N | CABLE COLOR |

2. STICK UL LABEL ON EACH CARTON.

▽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.

3. PUT COC AND INSPECTION REPORT IN EVERY CARTON ( ONLY APPLY FOR 887328705)

4.ALL COMPONENTS MUST MEET RoHS COMPLIANCE

TABLE

| | | | | | |
|---|---|---|---|---|---|
| 88732-8902 | 2000±30 | USB_A TO MINI_B 2.0 VER | 88780-8248 | 88780-9091 | 88780-9090 |
| 88732-8802 | 1800±30 | USB_A TO MINI_B 2.0 VER | 88780-8248 | 88780-9091 | 88780-9090 |
| 88732-8702 | 1500±30 | USB_A TO MINI_B 2.0 VER | 88780-8248 | 88780-9091 | 88780-9090 |
| 88732-8602 | 1000±30 | USB_A TO MINI_B 2.0 VER | 88780-8248 | 88794-1218 | 88794-1217 |
| 88732-8502 | 800±30 | USB_A TO MINI_B 2.0 VER | 88780-8235 | 88794-1218 | 88794-1217 |
| 88732-8900 | 2000±30 | USB_A TO MINI_B 2.0 VER | 88780-8243 | 88780-9091 | 88780-9090 |
| 88732-8800 | 1800±30 | USB_A TO MINI_B 2.0 VER | 88780-8243 | 88780-9091 | 88780-9090 |
| 88732-8700 | 1500±30 | USB_A TO MINI_B 2.0 VER | 88780-8243 | 88780-9091 | 88780-9090 |
| 88732-8600 | 1000±30 | USB_A TO MINI_B 2.0 VER | 88780-8243 | 88794-1218 | 88794-1217 |
| 88732-8500 | 800±30 | USB_A TO MINI_B 2.0 VER | 88780-8233 | 88794-1218 | 88794-1217 |
| 88732-8401 | 1200±30 | USB_A TO MINI_B 2.0 VER | 88780-8244 | 88780-9091 | 88780-9090 |
| MX P/N | CABLE LENGTH | DESCRIPTION | CABLE P/N | TERM. E P/N | TERM. F P/N |

ENTER DESCRIPTION
EC NO: DG2006-0150 2006/01/09
DRWN: JFZHENG 2006/01/09
CH'KD: 2006/01/16
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A
REV

QUALITY SYMBOLS
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| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ±1/2° | | |

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MOLEX INCORPORATED

MATERIAL NO.: 887-328x-0x
DOCUMENT NO.: SD-887328500
SHEET NO.: 2 OF 2

SIZE A4

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