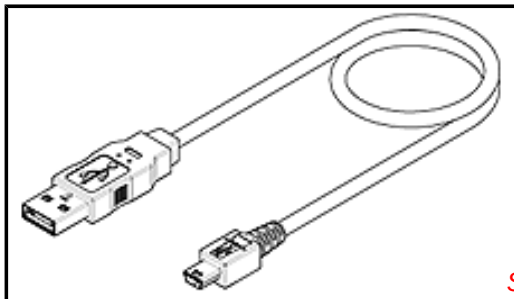
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Part Number: 0887328602
Status: Active
Overview: usb
Description: USB On-The-Go (OTG) Shielded I/O Cable Assembly, USB A-to-Mini B, USB 2.0, 1.0m (3.28') Length, Black



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	1.0m (3.28')
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-887328500

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

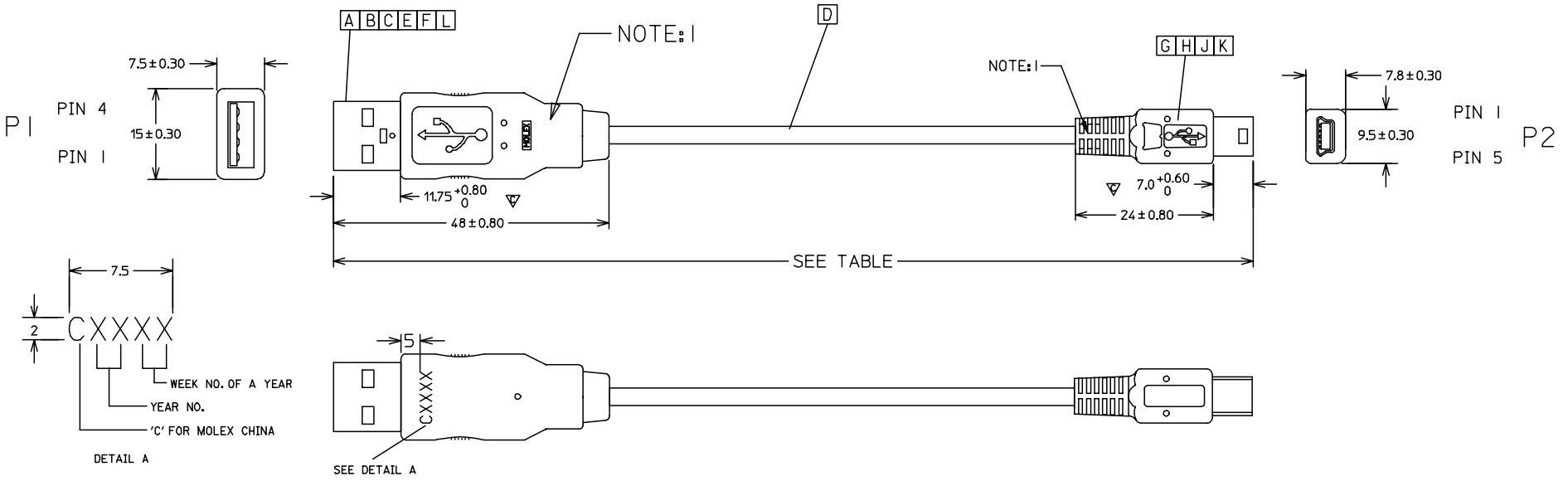
Please visit the Contact Us section for any non-product compliance questions.

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	USB1.1 #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 2006/01/09
DRWN: JFZHENG 2006/01/09
CH'KD: 2006/01/16
APPR: DQLUO
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
▽C=3

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
MATERIAL NO.: 88732-8x1x

TITLE: USB1.1, A TO MINIB CABLE ASS'Y(BLACK)

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-887328512
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 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.

▽C 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.

■

MX P/N	CABLE LENGTH	DESCRIPTION	CABLE P/N	TERM. E	TERM. F
88732-8816	1800±30	USB_A TO MINI_B 1.1 VER	88780-8239	88780-9091	88780-9090
88732-8713	1500±30	USB_A TO MINI_B 1.1 VER	88780-8421	88780-9091	88780-9090
88732-8912	2000±30	USB_A TO MINI_B 1.1 VER	88780-8239	88780-9091	88780-9090
88732-8812	1800±30	USB_A TO MINI_B 1.1 VER	88780-8239	88780-9091	88780-9090
88732-8712	1500±30	USB_A TO MINI_B 1.1 VER	88780-8239	88780-9091	88780-9090
88732-8612	1000±30	USB_A TO MINI_B 1.1 VER	88780-8239	88794-1218	88794-1217
88732-8512	800±30	USB_A TO MINI_B 1.1 VER	88780-8239	88794-1218	88794-1217
88732-8412	1200±30	USB_A TO MINI_B 1.1 VER	88780-8239	88780-9091	88780-9090
88732-8910	2000±30	USB_A TO MINI_B 1.1 VER	88780-8249	88780-9091	88780-9090
88732-8810	1800±30	USB_A TO MINI_B 1.1 VER	88780-8249	88780-9091	88780-9090
88732-8710	1500±30	USB_A TO MINI_B 1.1 VER	88780-8249	88780-9091	88780-9090
88732-8610	1000±30	USB_A TO MINI_B 1.1 VER	88780-8249	88794-1218	88794-1217
88732-8510	800±30	USB_A TO MINI_B 1.1 VER	88780-8249	88794-1218	88794-1217
88732-8410	1200±30	USB_A TO MINI_B 1.1 VER	88780-8249	88780-9091	88780-9090

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MOLEX INCORPORATED

MATERIAL NO.: 88732-8x1x
DOCUMENT NO.: SD-887328512
SHEET NO.: 2 OF 2

SIZE A4

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