

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0894858003

Status:

Active

Description:

Universal Serial Bus (USB) Shielded I/O Type A Receptacle, Single Upright, Right Angle, Terminal Length 2.50mm (.098"), Without Mylar, 0.76µm (30µ") Gold (Au) Plating, Tray Package, Lead Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-89485 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

Component Type

Product Name

Type

I/O Connectors

89485

Wire-to-Board

Without Mylar

Receptacle

USB

A

Physical

Boot Color

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Flammability

Gender

Lock to Mating Part

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Ports

Surface Mount Compatible (SMC)

N/A

4

4

Black

94V-0

Male

Yes

Gold

Tin

High Temperature Thermoplastic

1

Upright

0.098 In

2.50 mm

Yes

Yes

0.062 In

1.60 mm

Tray

No

0.079 In, 0.098 In

2.00 mm, 2.50 mm

0.055 In

1.40 mm

30

0.75

100

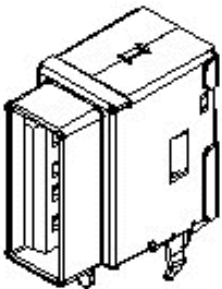
2.5

Yes

Yes

1

No



Series

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

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

89485Series

Mates With

88740 USB Type A Cable Plug

Temperature Range - Operating	125°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	1A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	750V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

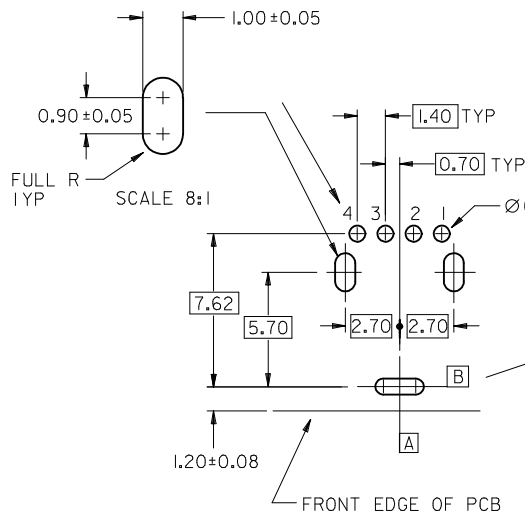
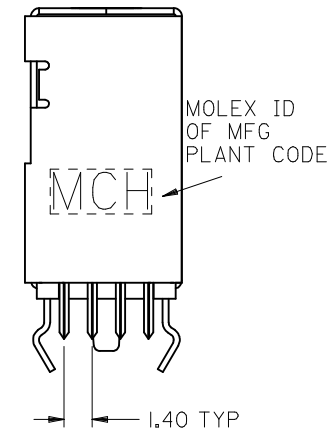
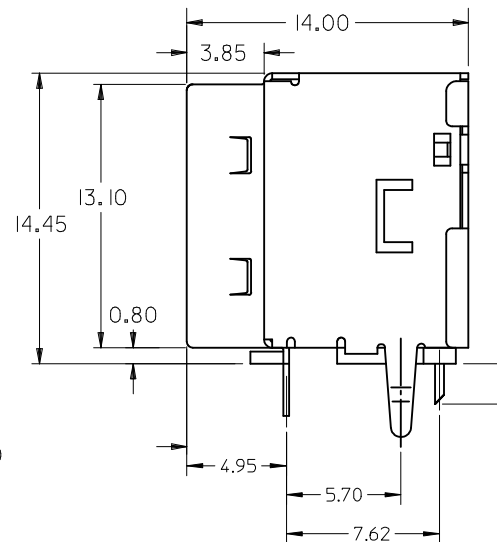
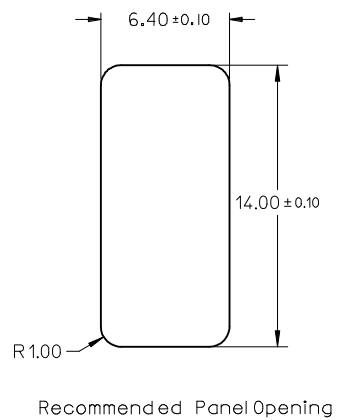
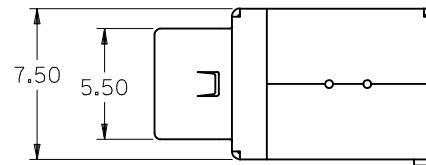
Packaging Specification	PK-89485-002
Product Specification	PS-89485
Sales Drawing	SD-89485-003

This document was generated on 05/25/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

NOTE:
1.MATERIAL:
HOUSING:HIGH TEMPERATURE NYLON, GLASS FIBRE FILLED, UL94-V0, COLOR:BLACK
TERMINAL:PHOSPHOR BRONZE
METAL SHELL:DEEP DRAWN STEEL
2.PLATING:
TERMINAL:
(a)GOLD FLASH ON THE CONTACT AREA, AND 75MICROINCH MINIMUM PURE TIN ON SOLDER TAIL, UNDER 50MICROINCH MINIMUM Ni PLATE.
(b)30MICROINCH MINIMUM GOLD(Au) ON THE CONTACT AREA, AND 75MICROINCH MINIMUM PURE TIN ON SOLDER TAIL, UNDER 50MICROINCH MINIMUM Ni UNDER PLATE.
(c)GOLD FLASH ON THE CONTACT AREA, AND 75MICROINCH MINIMUM MATTE TIN ON SOLDER TAIL, UNDER 50MICROINCH MINIMUM Ni PLATE.
METAL SHELL:
(d)100MICROINCH MINIMUM BRIGHT TIN ON THE METAL SHELL, AND 50MICROINCH MINIMUM Ni AND 100MICROINCH MINIMUM Cu PLATE.
(e)100MICROINCH MINIMUM MATTE TIN ON THE METAL SHELL, AND 50MICROINCH MINIMUM Ni AND 100MICROINCH MINIMUM Cu PLATE.
3.RECOMMENDED PCB THICKNESS:1.60 ±0.05mm
4.PRODUCT SPECIFICATION:REFER TO PS-89485
5. TRAY PACKAGING SPECIFICATION REFER TO:PK-89485-002
TUBE PACKAGING SPECIFICATION REFER TO:PK-89485-001
TUBE PACKAGING P/N, PLEASE REFER TO: SHEET 2,3

DIMENSION "A"	P/N	PLATING	TERMINAL CONTACT PLATING	TERMINAL SOLDER PLATING	METAL SHELL PLATING
2.00 ^{+0.35} _{-0.15}	89485-8000	SEE NOTES (a)+(d)	GOLD FLASH	75 MICRO INCH BRIGHT TIN	100 MICRO INCH BRIGHT TIN
	89485-8001	SEE NOTES (b)+(d)	30 MICRO INCH GOLD		
2.50 ^{+0.35} _{-0.10}	89485-8002	SEE NOTES (a)+(d)	GOLD FLASH	75 MICRO INCH BRIGHT TIN	100 MICRO INCH BRIGHT TIN
	89485-8003	SEE NOTES (b)+(d)	30 MICRO INCH GOLD		
	89485-8012	SEE NOTES (c)+(e)	GOLD FLASH	75 MICRO INCH MATTE TIN	100 MICRO INCH MATTE TIN



NEW RELEASE
EC NO: SH2009-0233
DR: WENZHAO
CHKD: RZ-HANG
APPR: HWANG
2008/12/02
2008/12/12
2008/12/17

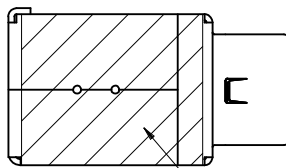
QUALITY SYMBOLS
▽=0
C=0
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.25 ± .010
1 PLACE ± 0.25 ± .010
ANGULAR ± 3 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
DAVID HU
CHECKED BY DATE
APPROVED BY DATE
MATERIAL NO.
SEE TABLE
SIZE A3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
4:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
SINGLE PORT UP-RIGHT
USB CONNECTOR
LEAD-FREE
MOLEX INCORPORATED
DOCUMENT NO.
SD-89485-003
SHEET NO.
1 OF 3

10 9 8 7 6 5 4 3 2 1



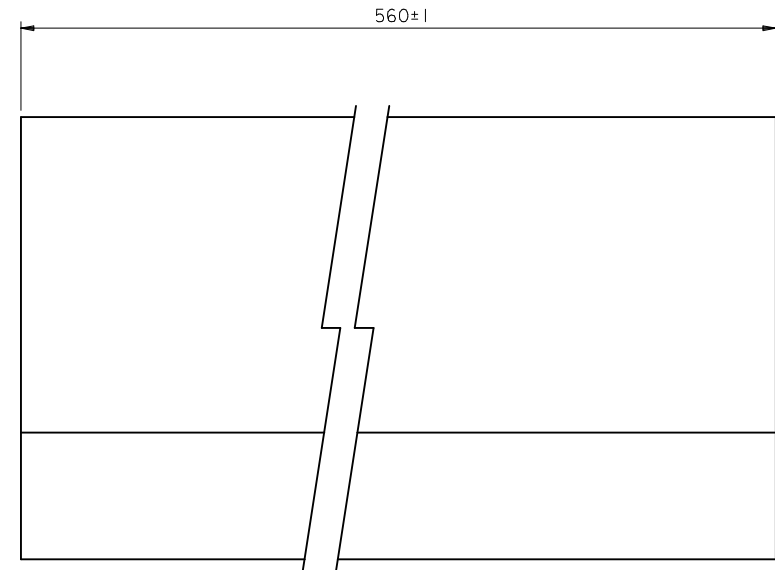
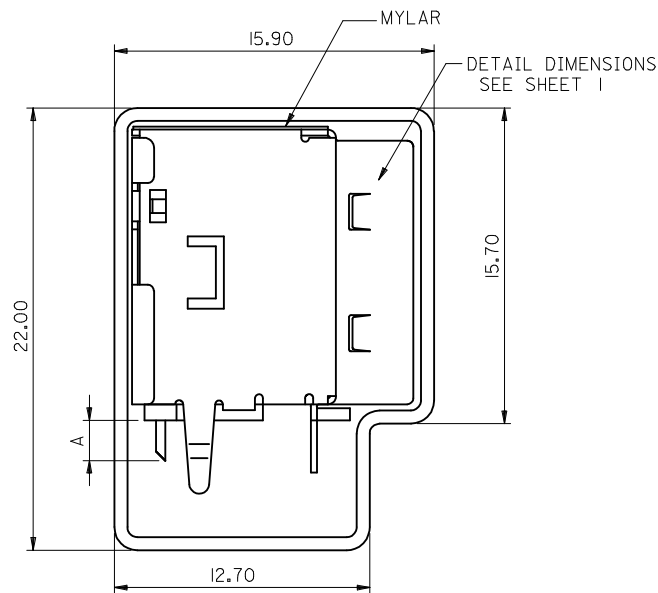
MYLAR AREA

NOTE:

1.DETAIL DIMENSIONS ,PLEASE REFER TO SHEET 1 OF SD-89485-003

2.THE TUBE PACKAGE INCLUDE TWO PLUGS ON RIGHT AND LEFT SIDES.

3.TUBE PACKAGING SPECIFICATION REFER TO: PK-89485-001



PART NUMBER LEGEND:

P/N FOR TUBE PACKING AND MYLAR ADDITION			
MATERIAL NUMBER		DIMENSION 'A'	PLATING SPECIFICATION
WITH MYLAR	89485- 8100	2.00 ^{+0.35} _{-0.15}	GOLD FLASH PLATING ON CONTACT AREA
	89485- 8101		30 MICRO INCH GOLD PLATING ON CONTACT AREA
	89485- 8102	2.50 ^{+0.35} _{-0.10}	GOLD FLASH PLATING ON CONTACT AREA
	89485- 8103		30 MICRO INCH GOLD PLATING ON CONTACT AREA

NEW RELEASE EC NO: SH2009-0233 DR:WNEZHAO 2008/12/02 CHKD:RZHANG 2008/12/12 APPR:HWANG 2008/12/17	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± .010 1 PLACE ± 0.25 ± .010 ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE MATERIAL NO. SEE TABLE SIZE A3	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE SINGLE PORT UP-RIGHT USB CONNECTOR LEAD-FREE MOLEX INCORPORATED DOCUMENT NO. SD-89485-003 SHEET NO. 2 OF 3

10 9 8 7 6 5 4 3 2 1

F

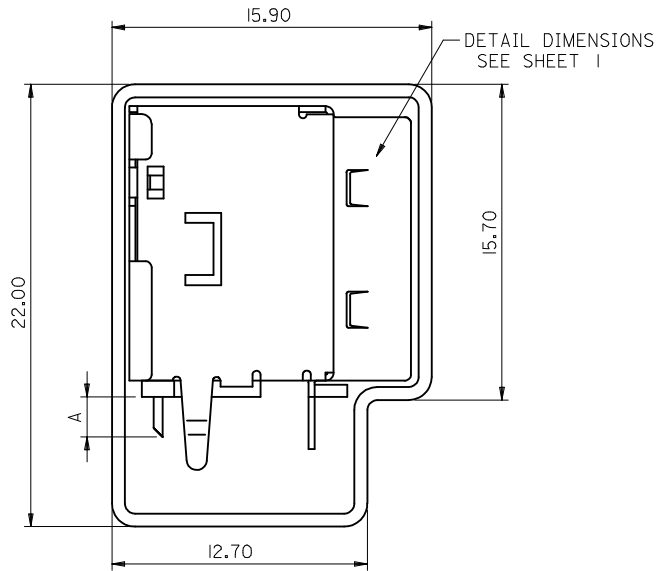
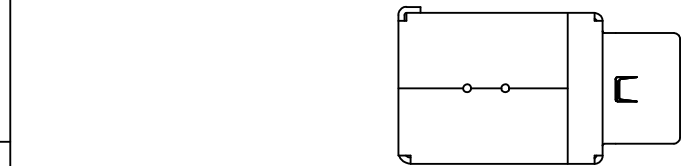
E

D

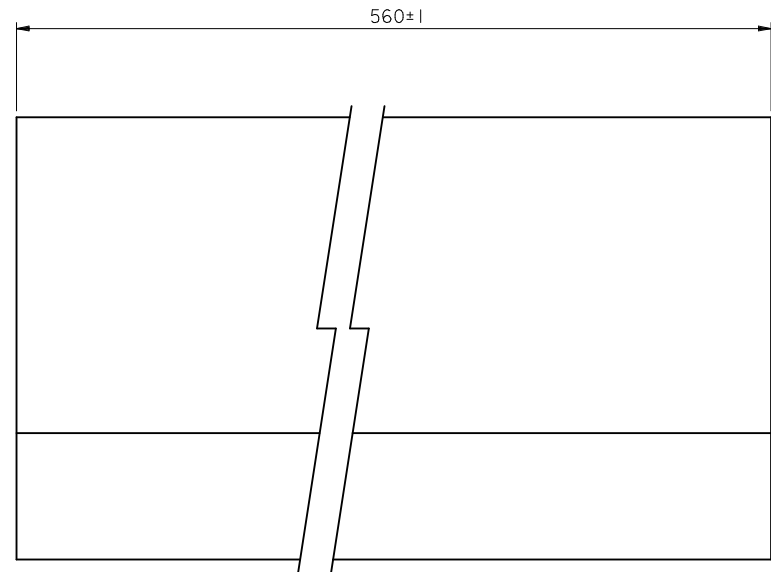
C

B

A



- NOTE:
- 1.DETAIL DIMENSIONS , PLEASE REFER TO SHEET 1 OF SD-89485-003
 - 2.THE TUBE PACKAGE INCLUDE TWO PLUGS ON RIGHT AND LEFT SIDES.
 - 3.TUBE PACKAGING SPECIFICATION REFER TO: PK-89485-001



PART NUMBER LEGEND:

P/N FOR TUBE PACKING		
MATERIAL NUMBER	DIMENSION *A	PLATING SPECIFICATION
WITHOUT MYLAR	2.00 ^{+0.35} _{-0.15}	89485-8200 GOLD FLASH PLATING ON CONTACT AREA
		89485-8201 30 MICRO INCH GOLD PLATING ON CONTACT AREA
	2.50 ^{+0.35} _{-0.10}	89485-8202 GOLD FLASH PLATING ON CONTACT AREA
		89485-8203 30 MICRO INCH GOLD PLATING ON CONTACT AREA

tb_frame_A3_P_AM_T
Rev. E 2006/04/15

NEW RELEASE EC NO: SH2009-0233 DRW:NEZHAO 2008/12/02 CHKD:RZHANG 2008/12/12 APPR:HWANG 2008/12/17	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				DRAWN BY DAVID HU		TITLE SINGLE PORT UP-RIGHT USB CONNECTOR LEAD-FREE					
		4 PLACES		± ---		± ---					
		3 PLACES		± ---		± ---					
		2 PLACES		± 0.25		± .010					
		1 PLACE		± 0.25		± .010					
		ANGULAR		± 3 °							
		DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		MUST REMAIN		SEE TABLE		SD-89485-003		3 OF 3			
		WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А