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Part Number:

0894858002

Status:

Active

Description:

Universal Serial Bus (USB) Shielded I/O Type A Receptacle, Single Upright, Right Angle, Terminal Length 2.50mm (.098"), Without Mylar, Gold (Au) Flash, 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)

Polarized to Mating Part

Polarized to PCB

Ports

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

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

Yes

Yes

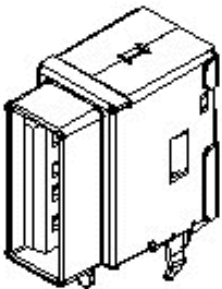
1

No

125°C

Through Hole

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

Electrical

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

Material Info

Reference - Drawing Numbers

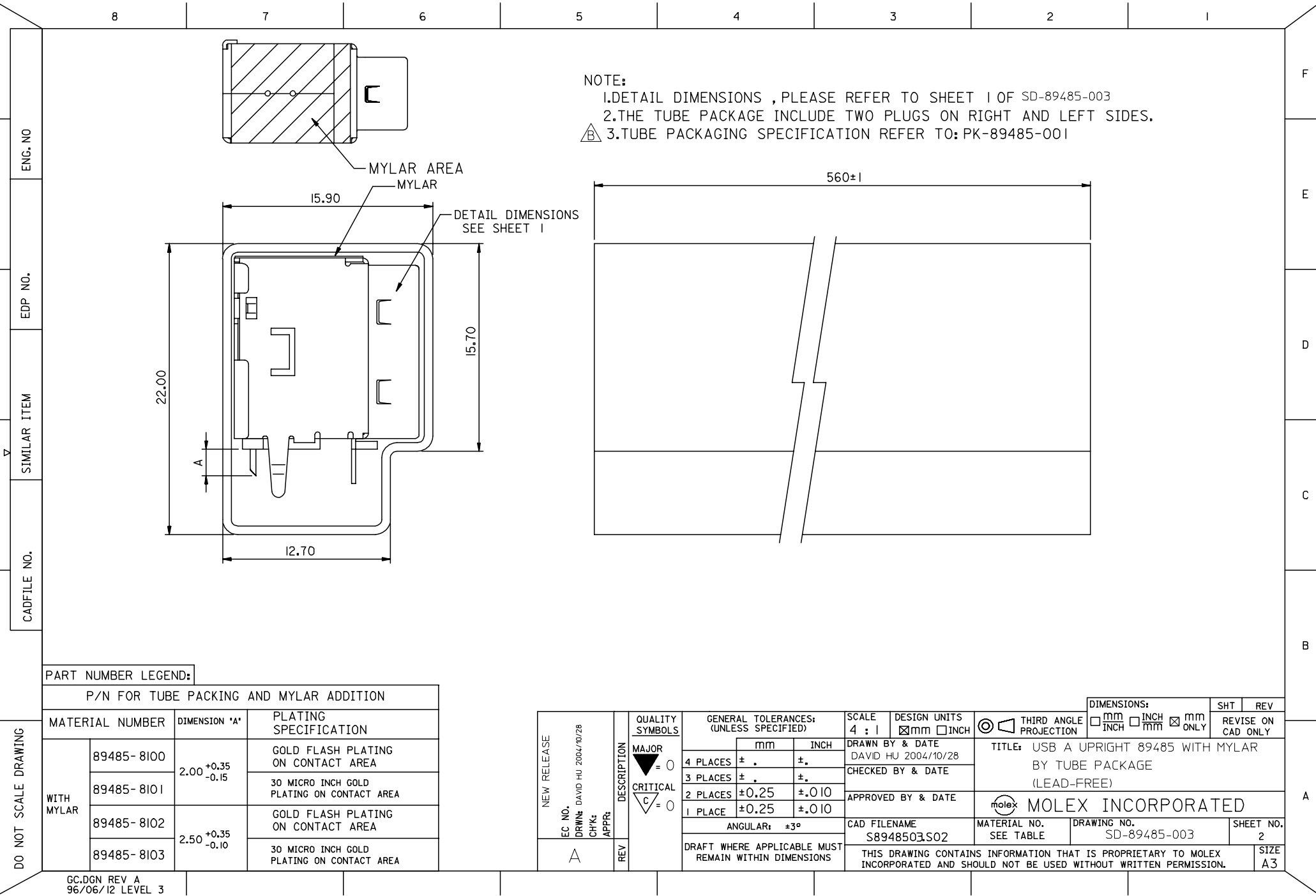
Packaging Specification	PK-89485-002
Product Specification	PS-89485
Sales Drawing	SD-89485-003

This document was generated on 05/25/2010

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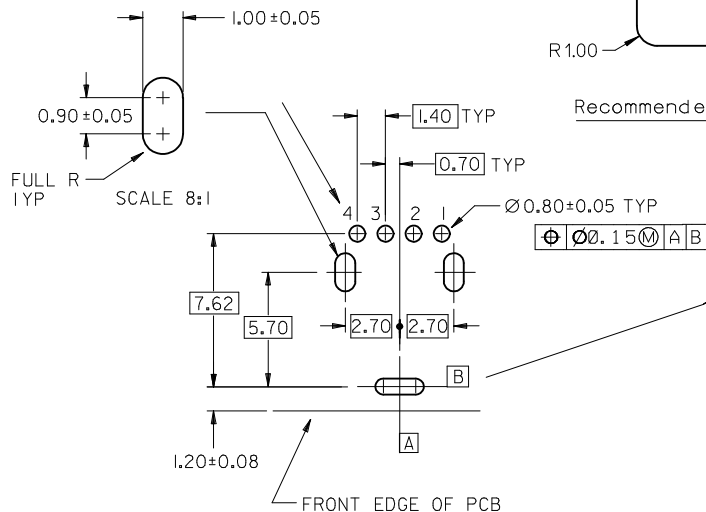
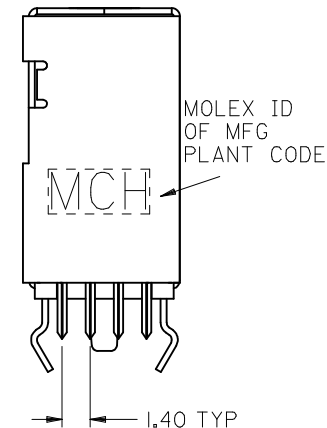
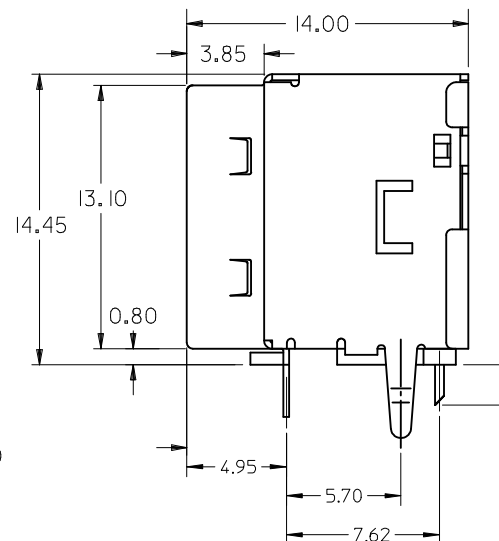
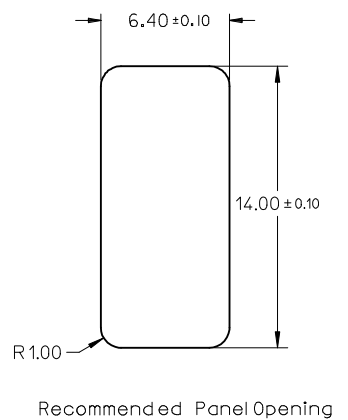
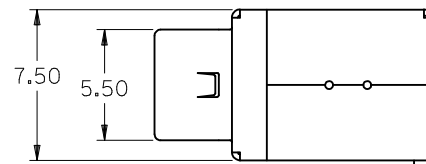
TUBE PACKAGING P/N, PLEASE REFER TO SHEET 2.3

MXT , Sa - 13



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
DRAWN: ZHAO
CHECK: ZHANG
APPR: HWANG
2008/12/02
2008/12/12
2008/12/17

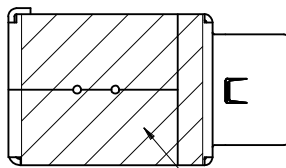
QUALITY SYMBOLS
▽=0
C=0
DESCRIPTION
REV

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



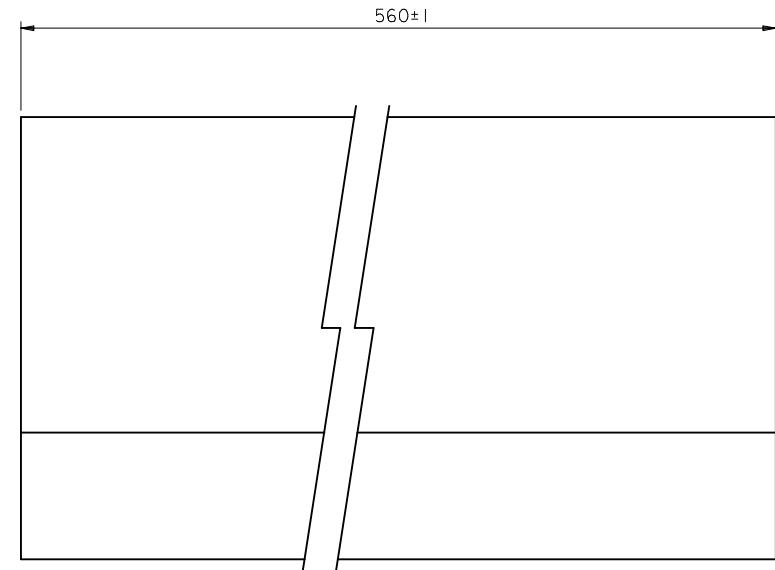
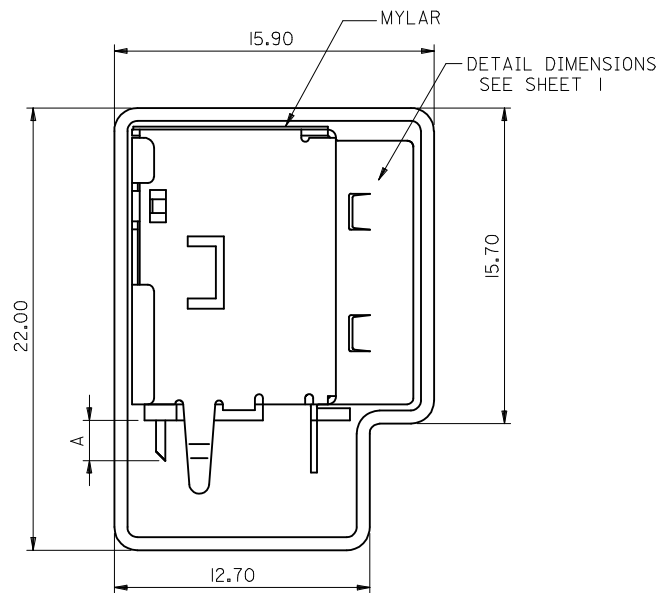
MYLAR AREA

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 D	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
DAVID HU	
CHECKED BY	DATE
APPROVED BY	DATE
MATERIAL NO.	
SEE TABLE	
SIZE	THIS DRAWING CONT
A3	INCORPORATED AND

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

10 9 8 7 6 5 4 3 2 1

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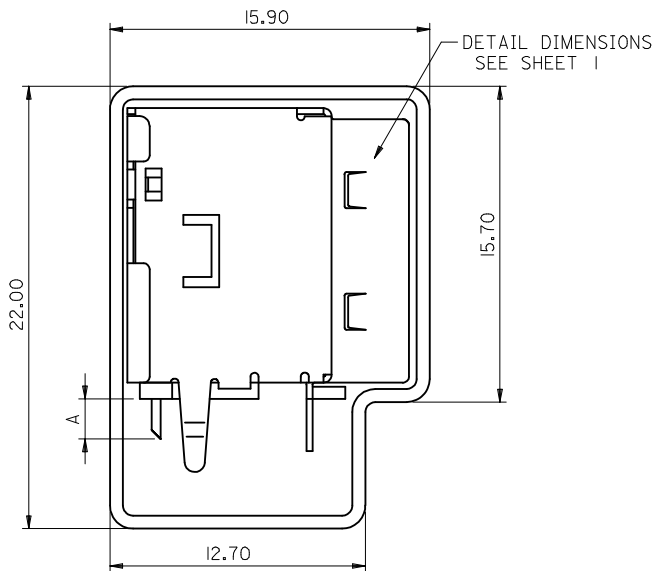
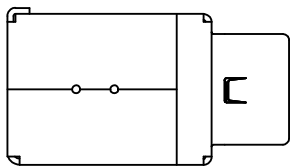
E

D

C

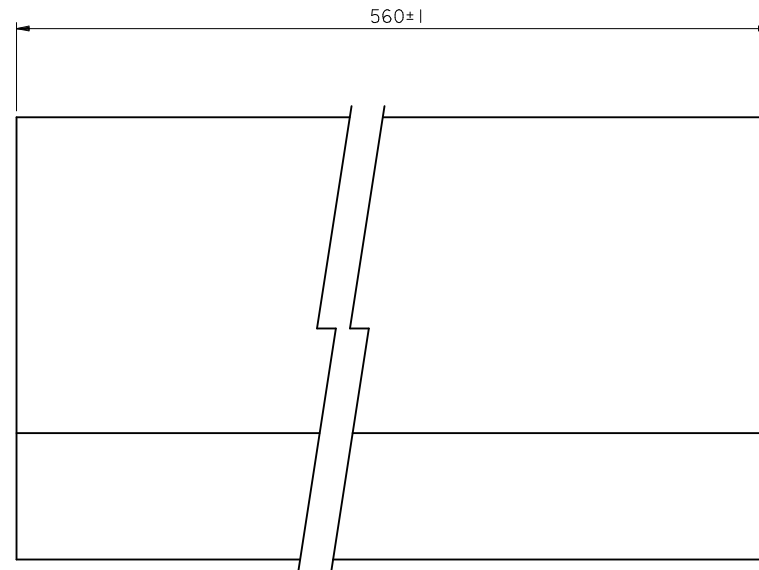
B

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 CHKD:RZHANG APPR:HWANG	2008/12/02
	2008/12/12
	2008/12/17

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. 3 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

F

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D

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B

A

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
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- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
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- 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.)

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«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).



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