

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

I/O Connectors

Series

89485

Application

Wire-to-Board

Comments

Without Mylar

Component Type

Receptacle

Product Name

USB

Type

A

Physical

Boot Color

N/A

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Black

Flammability

94V-0

Gender

Male

Lock to Mating Part

Yes

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Number of Rows

1

Orientation

Upright

PC Tail Length (in)

0.098 In

PC Tail Length (mm)

2.50 mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.60 mm

Packaging Type

Tray

Panel Mount

No

Pitch - Mating Interface (in)

0.079 In, 0.098 In

Pitch - Mating Interface (mm)

2.00 mm, 2.50 mm

Pitch - Term. Interface (in)

0.055 In

Pitch - Term. Interface (mm)

1.40 mm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Ports

1

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

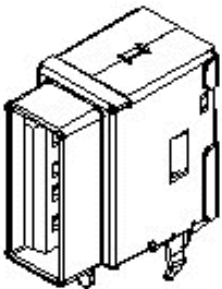
125°C

Termination Interface: Style

Through Hole

Waterproof / Dustproof

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

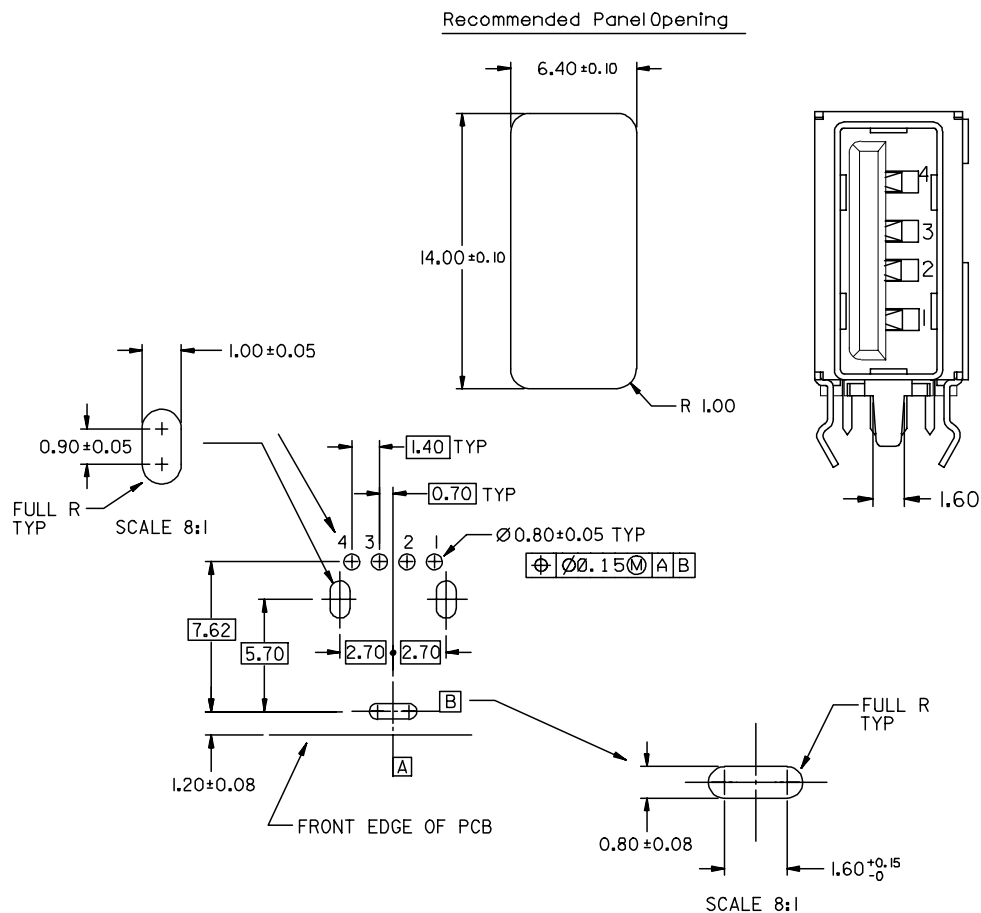
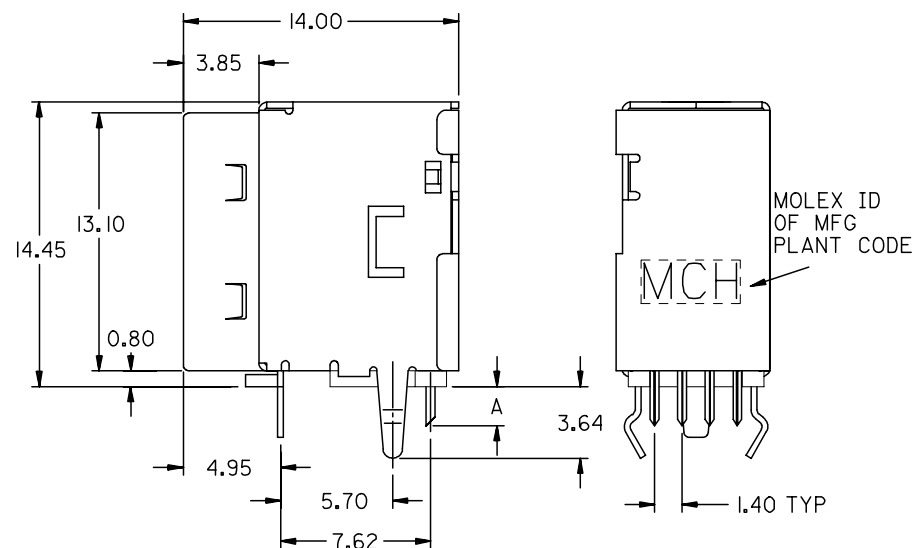
Packaging Specification	PK-89485-002
Product Specification	PS-89485
Sales Drawing	SD-89485-003

This document was generated on 05/25/2010

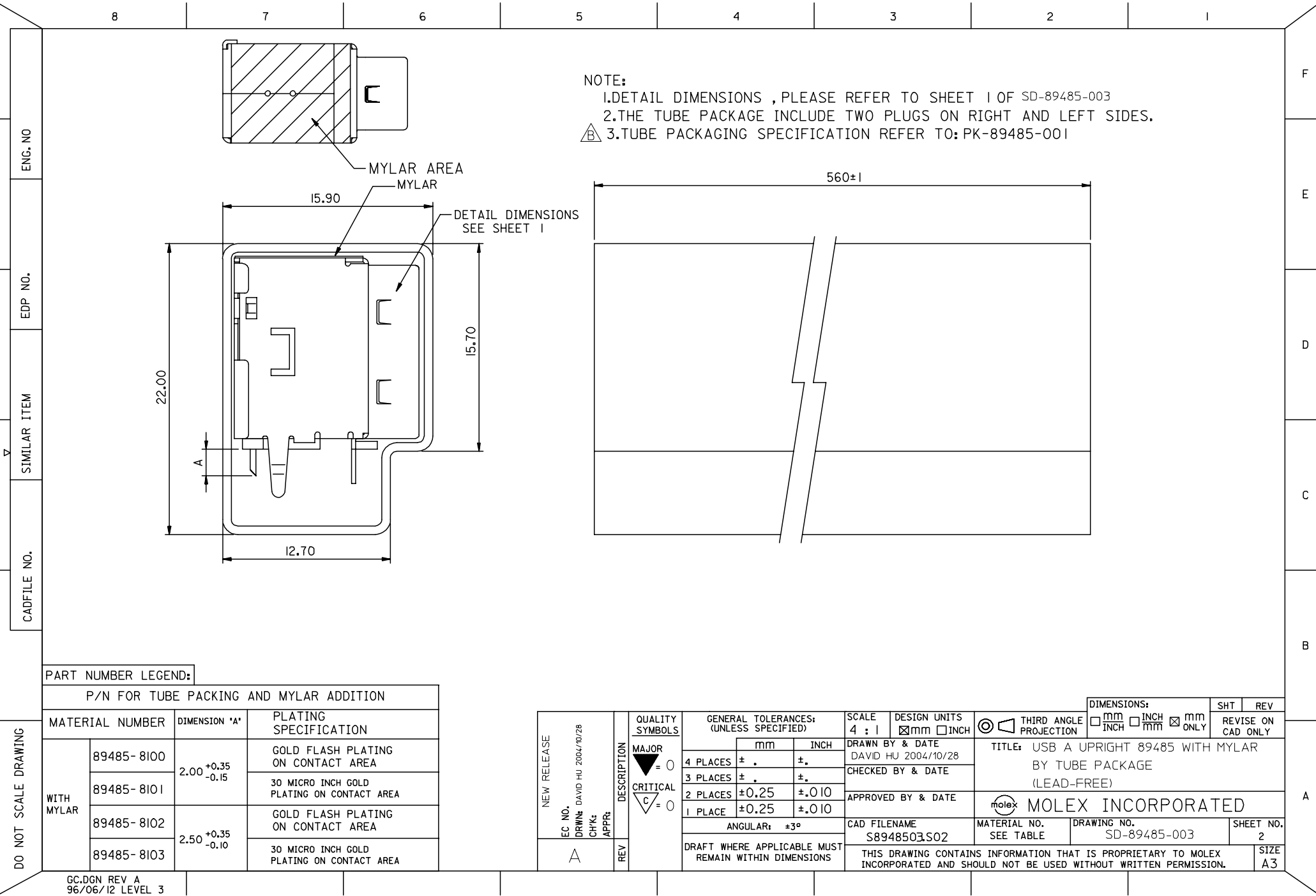
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TUBE PACKAGING P/N, PLEASE REFER TO SHEET 2.3

30 MICRO INCH GOLD PLATING ON CONTACT AREA

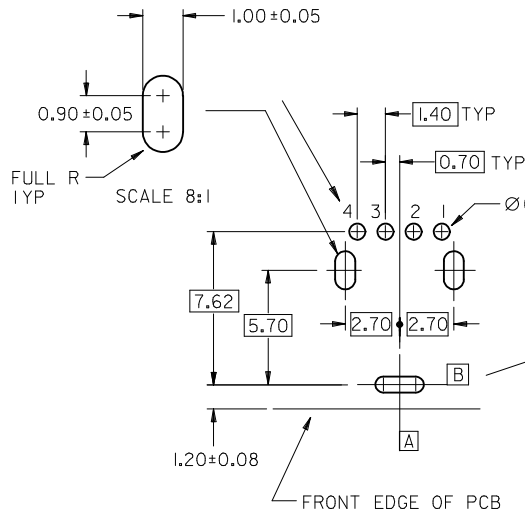
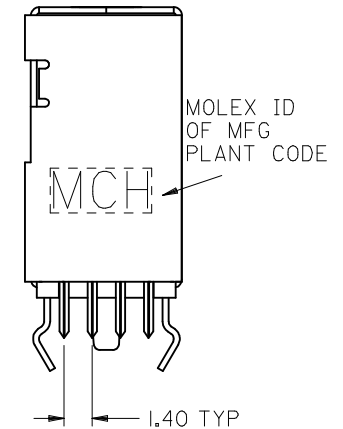
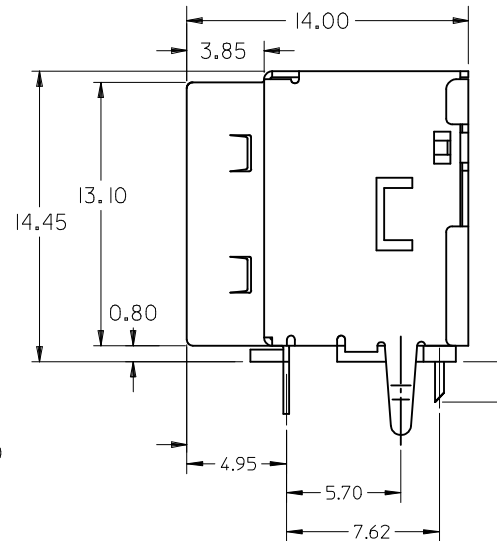
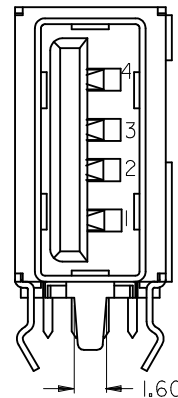
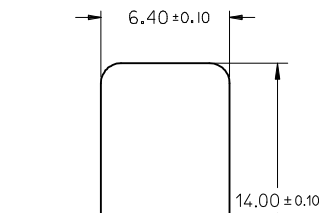
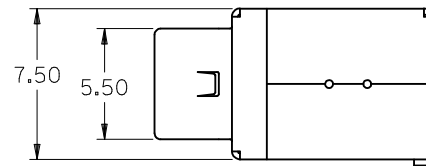


						MATERIAL :	SEE NOTE	 MOLEX TAIWAN LTD. SHEET 1 OF 3			
						FINISH :	SEE NOTE				
						WIRE RANGE :	N/A				
						INS. RANGE :	N/A				
A	NEW RELEASE FOR LEAD-FREE		DAVID HU	2004/11/15				GENERAL TOLERANCES ANGLE : ± 3° DIM : ± .25/.010	ENG. NO.:	SD-89485-003	REV A
LTR	REVISION RECORD	ECN	DR	DATE	DRAWN BY DAVID HU 2004/11/15	CHK'D BY		TITLE :	SINGLE PORT UP-RIGHT USB CONNECTOR (LEAD-FREE)		
REVISE ONLY ON CAD SYSTEM					APPR'D BY	SCALE	4:1				



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

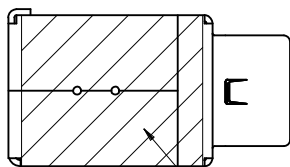
QUALITY SYMBOLS
▽=0
C=0

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 DAVID HU
CHECKED BY
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. 1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

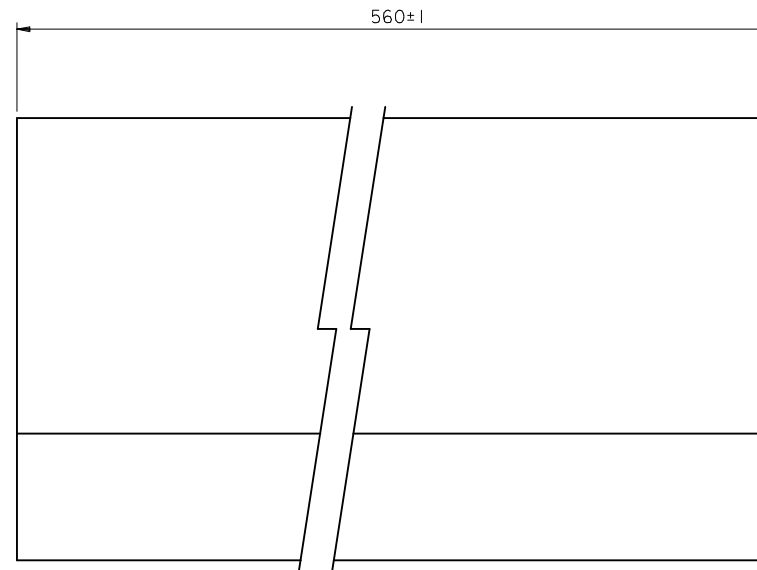
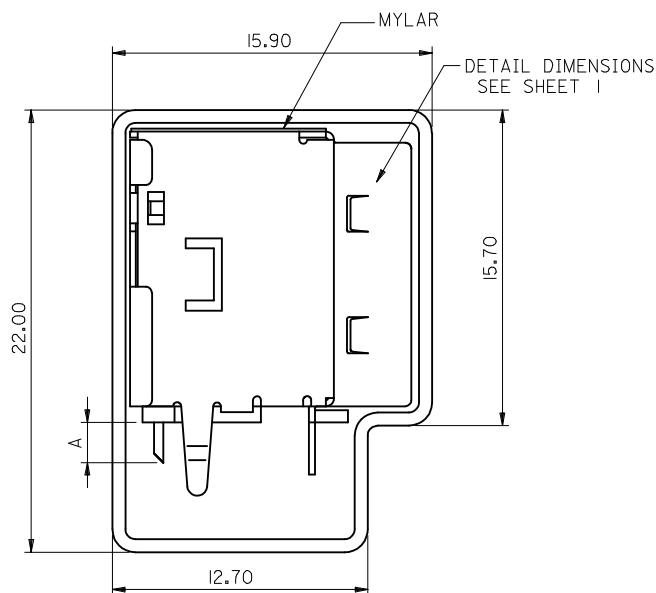
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MYLAR AREA

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

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
DAVID HU	
CHECKED BY	DATE
APPROVED BY	DATE

MATERIAL NO.
SEE TABLE

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

SINGLE PORT UP-RIGHT
USB CONNECTOR
LEAD-FREE

MOLEX INCORPORATED

DOCUMENT NO.
SD-89485-003

SHEET NO.
2 OF 3

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

F

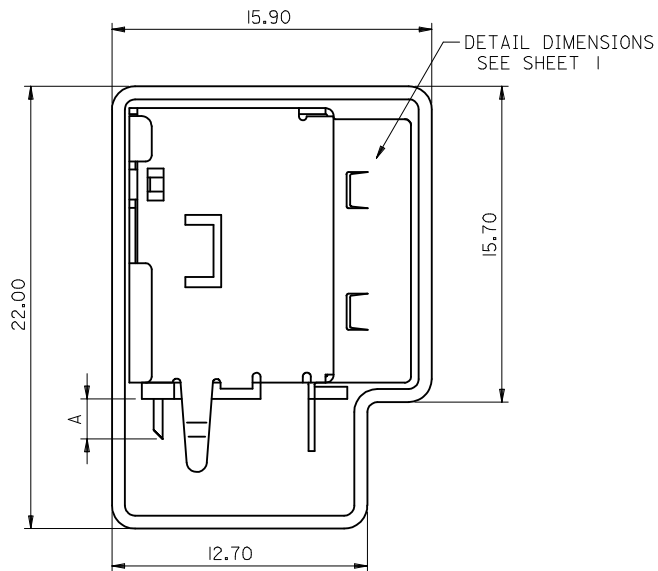
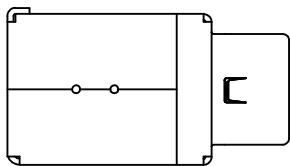
E

D

C

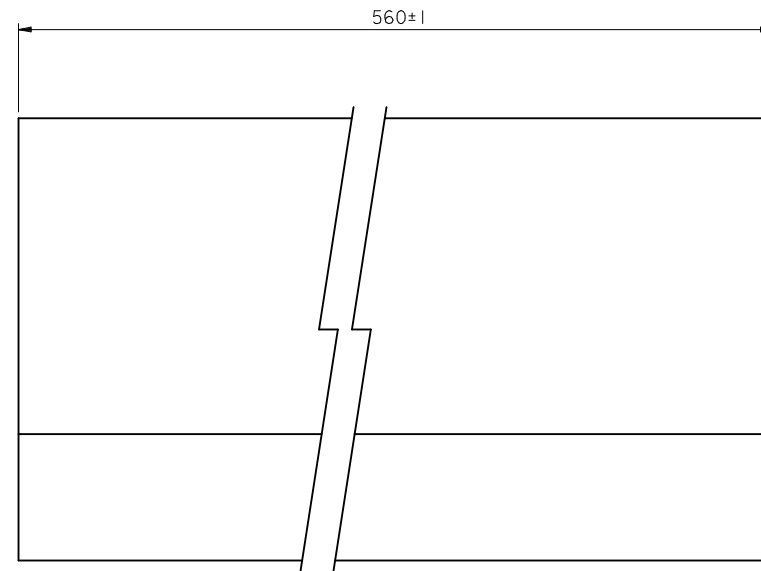
B

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 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
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<http://moschip.ru/get-element>

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