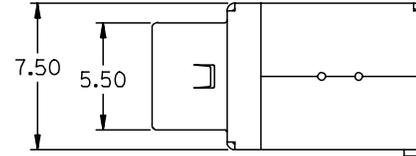


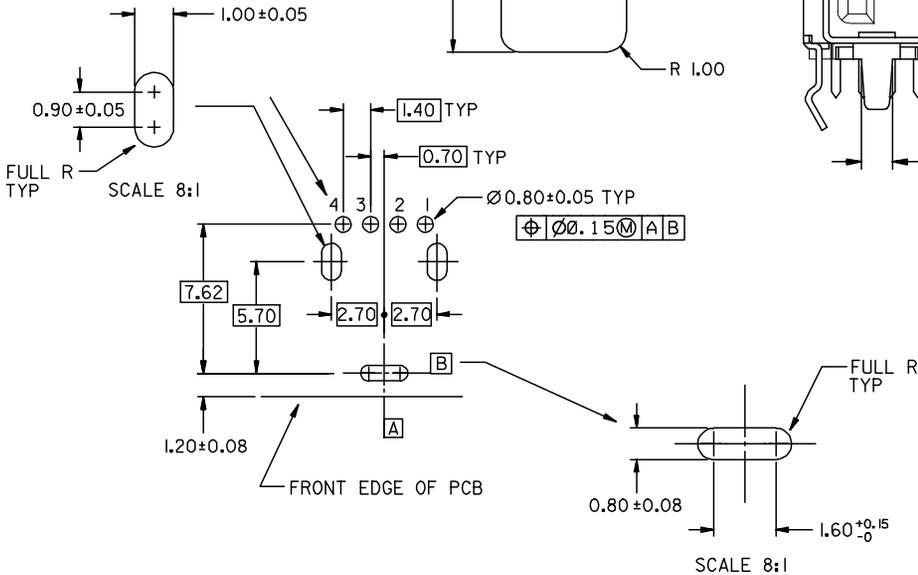
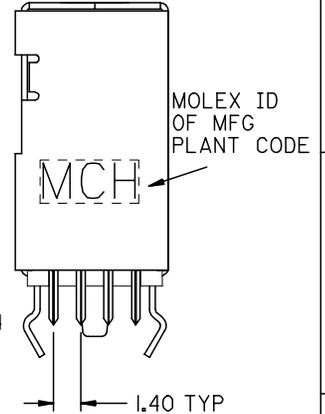
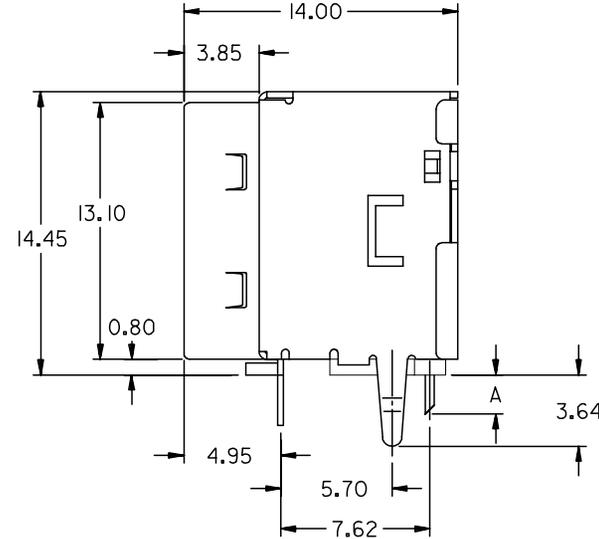
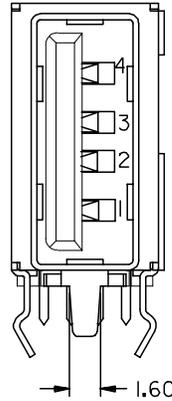
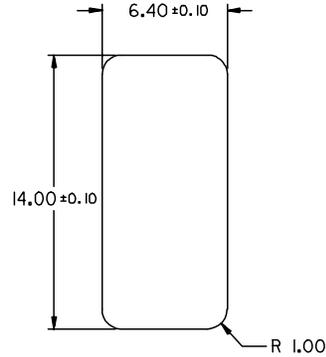
NOTES :

- MATERIAL :  
HOUSING : HIGH TEMPERATURE NYLON , GLASS FIBRE FILLED, UL94-V0 , COLOR: BLACK  
TERMINAL : PHOSPHOR BRONZE  
METAL SHELL : DEEP DRAWN STEEL
- PLATING :  
TERMINAL :  
CONTACT AREA : (a) GOLD FLASH,  
(b) GOLD (Au), THICKNESS = 30 MICROINCH MINIMUM.  
SOLDER TAIL :  
PURE TIN THICKNESS= 75 MICROINCH MINIMUM .  
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.  
METAL SHELL :  
TIN (Sn) ALLOY , THICKNESS= 100 MICROINCH MINIMUM.  
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
- RECOMMENDED PCB THICKNESS : 1.60±0.05 mm
- PRODUCT SPECIFICATION : REFER TO PS-89485
- 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 FOR TRAY PACKING	
2.00 <sup>+0.35</sup> <sub>-0.15</sub>	89485-8000	GOLD FLASH PLATING ON CONTACT AREA
	89485-8001	30 MICRO INCH GOLD PLATING ON CONTACT AREA
2.50 <sup>+0.35</sup> <sub>-0.10</sub>	89485-8002	GOLD FLASH PLATING ON CONTACT AREA
	89485-8003	30 MICRO INCH GOLD PLATING ON CONTACT AREA



Recommended Panel Opening



					MATERIAL :	SEE NOTE	 MOLEX TAIWAN LTD. SHEET 1 OF 3
					FINISH :	SEE NOTE	
					WIRE RANGE :	N/A	GENERAL TOLERANCES ANGLE : ± 3° DIM : ± .25/.010
					INS. RANGE :	N/A	ENG. NO.: SD-89485-003
A	NEW RELEASE FOR LEAD-FREE		DAVID HJ	2004/11/5	DRAWN BY DAVID HJ	CHK'D BY	REV A
LTR	REVISION RECORD	ECN	DR	DATE	APPR'D BY	SCALE 4:1	TITLE : SINGLE PORT UP-RIGHT USB CONNECTOR (LEAD-FREE)
REVISE ONLY ON CAD SYSTEM							

8 7 6 5 4 3 2 1

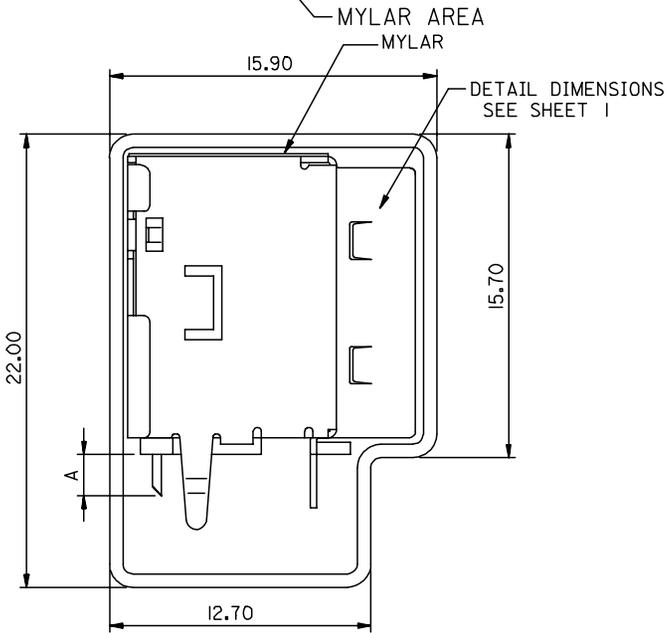
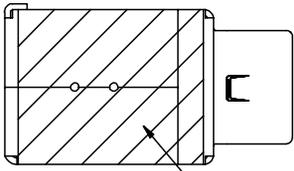
ENG. NO

EDP NO.

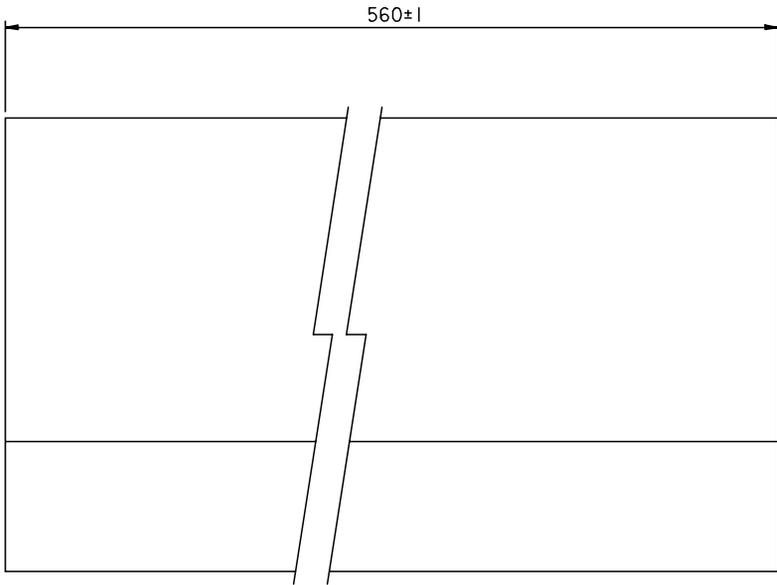
SIMILAR ITEM

CADFILE NO.

DO NOT SCALE DRAWING



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:

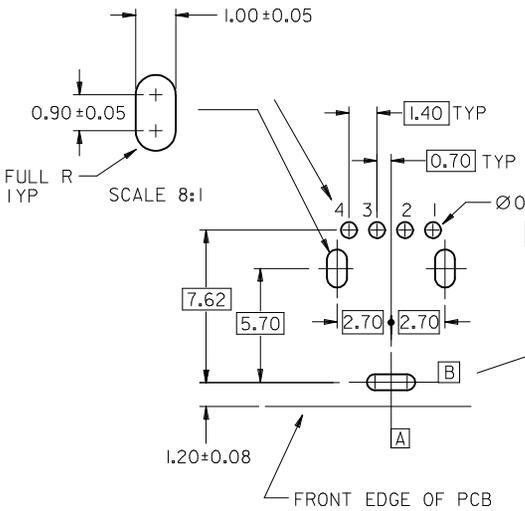
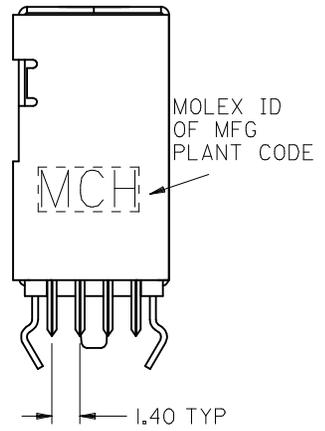
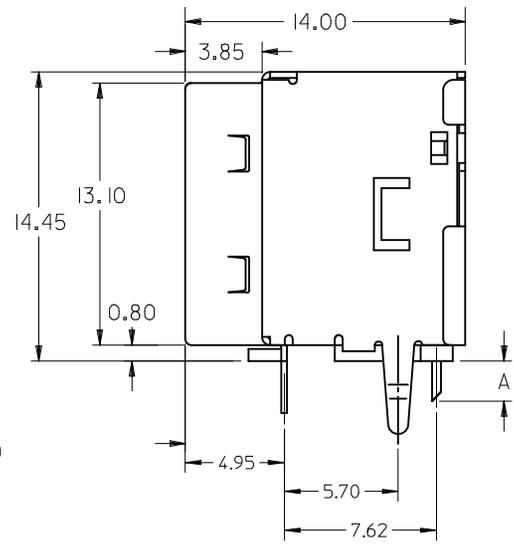
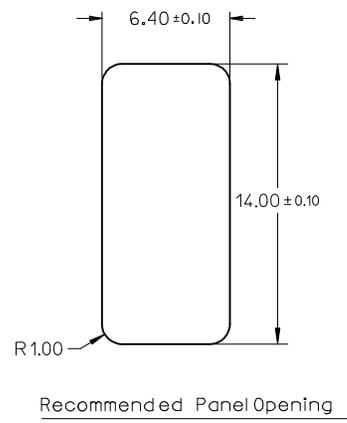
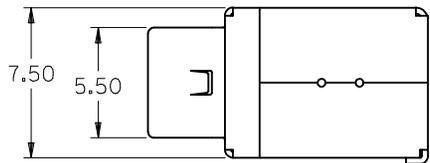
P/N FOR TUBE PACKING AND MYLAR ADDITION			
MATERIAL NUMBER	DIMENSION 'A'	PLATING SPECIFICATION	
WITH MYLAR	2.00 <sup>+0.35</sup> <sub>-0.15</sub>	GOLD FLASH PLATING ON CONTACT AREA	
		30 MICRO INCH GOLD PLATING ON CONTACT AREA	
	2.50 <sup>+0.35</sup> <sub>-0.10</sub>	GOLD FLASH PLATING ON CONTACT AREA	
		30 MICRO INCH GOLD PLATING ON CONTACT AREA	

NEW RELEASE EC NO. DRAWN: DAVID HU 2004/10/28 CHK: APPR:	QUALITY SYMBOLS MAJOR = 0 CRITICAL = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 4 : 1	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY	SHT	REV
		4 PLACES ± .	± .	DRAWN BY & DATE DAVID HU 2004/10/28		TITLE: USB A UPRIGHT 89485 WITH MYLAR BY TUBE PACKAGE (LEAD-FREE)			
		3 PLACES ± .	± .	CHECKED BY & DATE		APPROVED BY & DATE			
		2 PLACES ±0.25	±0.10	ANGULAR: ±3°		CAD FILENAME S8948503.S02	MATERIAL NO. SEE TABLE	DRAWING NO. SD-89485-003	SHEET NO. 2
1 PLACE ±0.25	±0.10	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE A3

F  
E  
D  
C  
B  
A

DIMENSION "A"	P/N	PLATING	TERMINAL CONTACT PLATING	TERMINAL SOLDER PLATING	METAL SHELL PLATING
2.00 <sup>+0.35</sup> <sub>-0.15</sub>	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 <sup>+0.35</sup> <sub>-0.10</sub>	89485-8002	SEE NOTES(a)+(d)	GOLD FLASH	75 MICRO INCH MATTE TIN	100 MICRO INCH MATTE TIN
	89485-8003	SEE NOTES(b)+(d)	30 MICRO INCH GOLD		
	89485-8012	SEE NOTES(c)+(e)	GOLD FLASH		

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:SHEET2,3



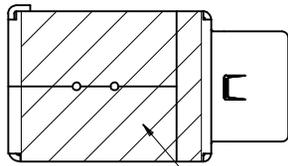
NEW RELEASE  
 EC NO: SH2009-0233  
 DR:WINEZHAO 2008/12/02  
 CHK:DRZHANG 2008/12/12  
 APPR:HWANG 2008/12/17

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
▽=0	4 PLACES ± ---	± ---
▽=0	3 PLACES ± ---	± ---
	2 PLACES ± 0.25	± .010
	1 PLACE ± 0.25	± .010
	ANGULAR ± 3°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	4:1	METRIC	THIRD ANGLE PROJECTION
DRAWN BY	DATE	TITLE	
DAVID HU		SINGLE PORT UP-RIGHT USB CONNECTOR LEAD-FREE	
CHECKED BY	DATE	MOLEX INCORPORATED	
APPROVED BY	DATE	MATERIAL NO. SEE TABLE	
		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			

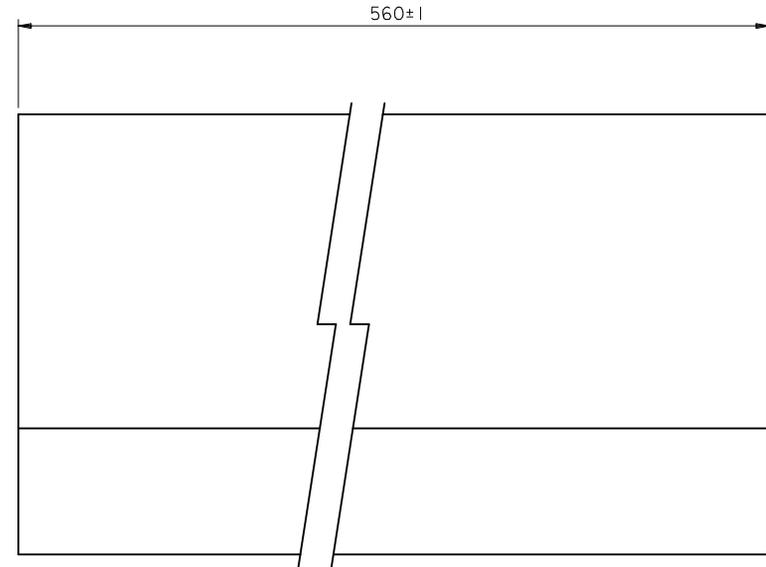
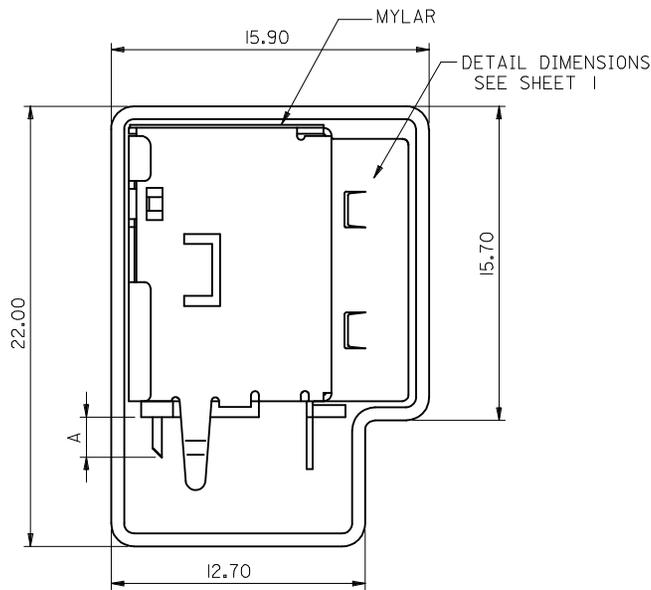
10 9 8 7 6 5 4 3 2 1



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 <sup>+0.35</sup> <sub>-0.15</sub>	GOLD FLASH PLATING ON CONTACT AREA
	89485-8101		30 MICRO INCH GOLD PLATING ON CONTACT AREA
	89485-8102	2.50 <sup>+0.35</sup> <sub>-0.10</sub>	GOLD FLASH PLATING ON CONTACT AREA
	89485-8103		30 MICRO INCH GOLD PLATING ON CONTACT AREA

NEW RELEASE  
 EC NO: SH2009-0233  
 DR: WINEZHAO 2008/12/02  
 CHK: RZHANG 2008/12/12  
 APPR: HWANG 2008/12/17

QUALITY SYMBOLS

	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	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	METRIC	
TITLE		
SINGLE PORT UP-RIGHT USB CONNECTOR LEAD-FREE		
MOLEX INCORPORATED		SHEET NO.
DOCUMENT NO. SD-89485-003		2 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

9 8 7 6 5 4 3 2 1

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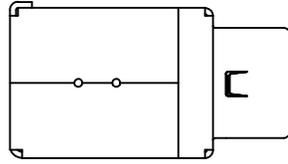
E

D

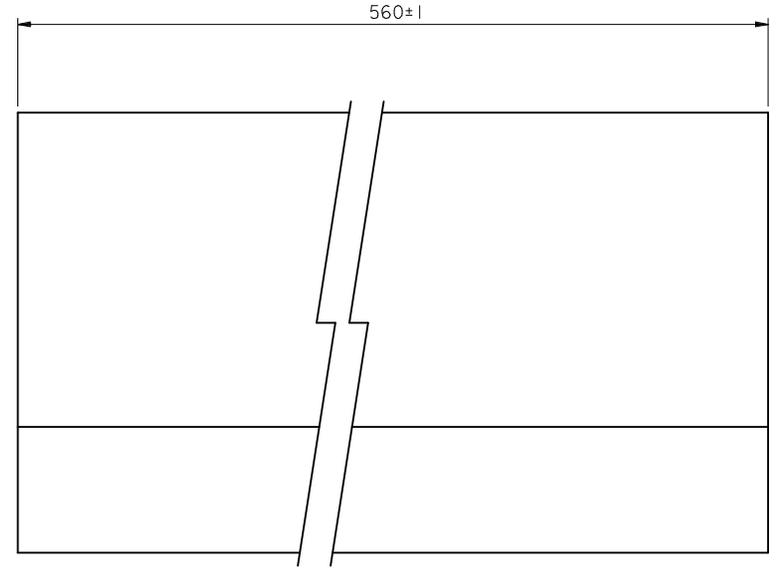
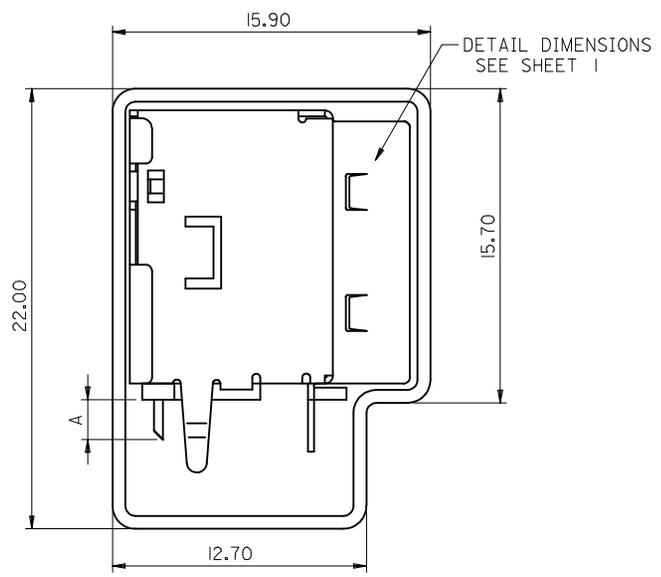
C

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 <sup>+0.35</sup> <sub>-0.15</sub>	89485-8200 GOLD FLASH PLATING ON CONTACT AREA
		89485-8201 30 MICRO INCH GOLD PLATING ON CONTACT AREA
WITHOUT MYLAR	2.50 <sup>+0.35</sup> <sub>-0.10</sub>	89485-8202 GOLD FLASH PLATING ON CONTACT AREA
		89485-8203 30 MICRO INCH GOLD PLATING ON CONTACT AREA

NEW RELEASE EC NO: SH2009-0233 DR:WNEZHAO CHYKD:RZHANG APPR:HWANG	2008/12/02 2008/12/12 2008/12/17	QUALITY SYMBOLS
	=0 =0	DESCRIPTION
	D REV	

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	
	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		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		4:1	METRIC	
DRAWN BY	DATE	TITLE		
DAVID HU		SINGLE PORT UP-RIGHT USB CONNECTOR LEAD-FREE		
CHECKED BY	DATE			
APPROVED BY	DATE	MOLEX INCORPORATED		
MATERIAL NO.	DATE	DOCUMENT NO.		SHEET NO.
SEE TABLE		SD-89485-003		3 OF 3
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
A3				

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

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

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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Факс: +7 495 668-12-70 (доб.304)

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