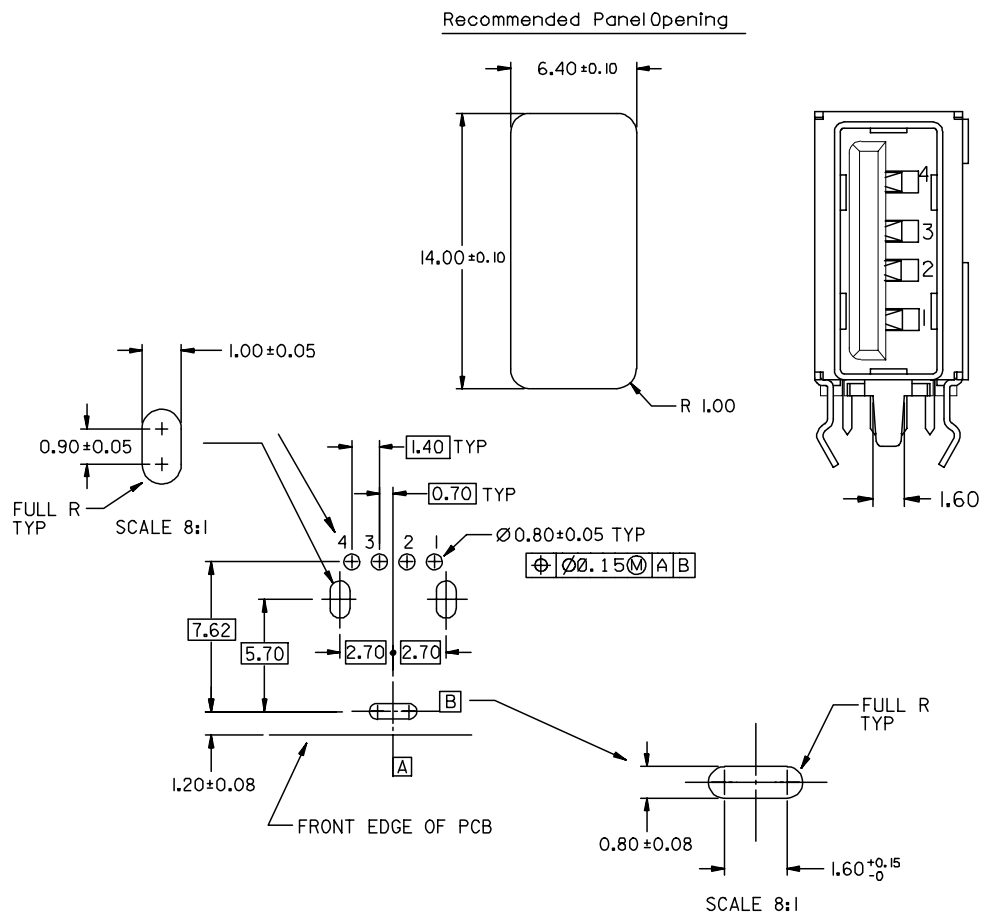
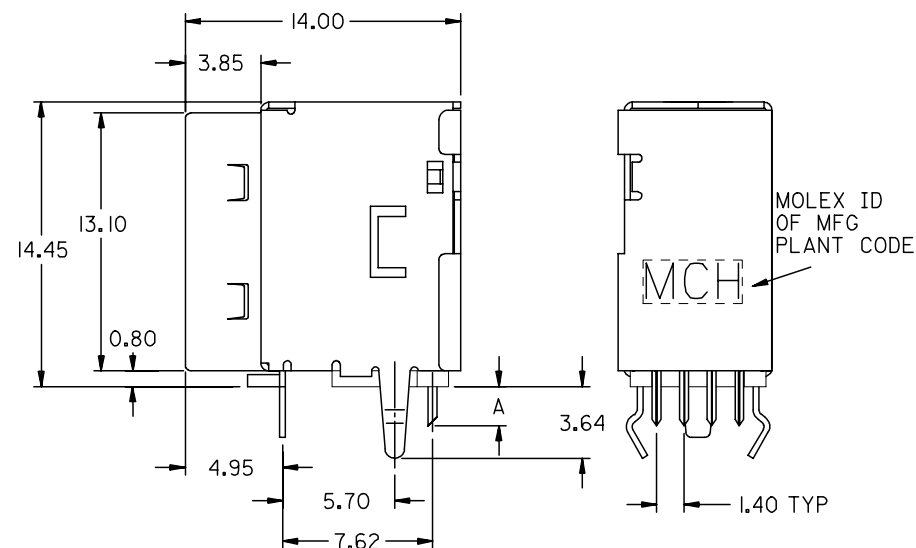
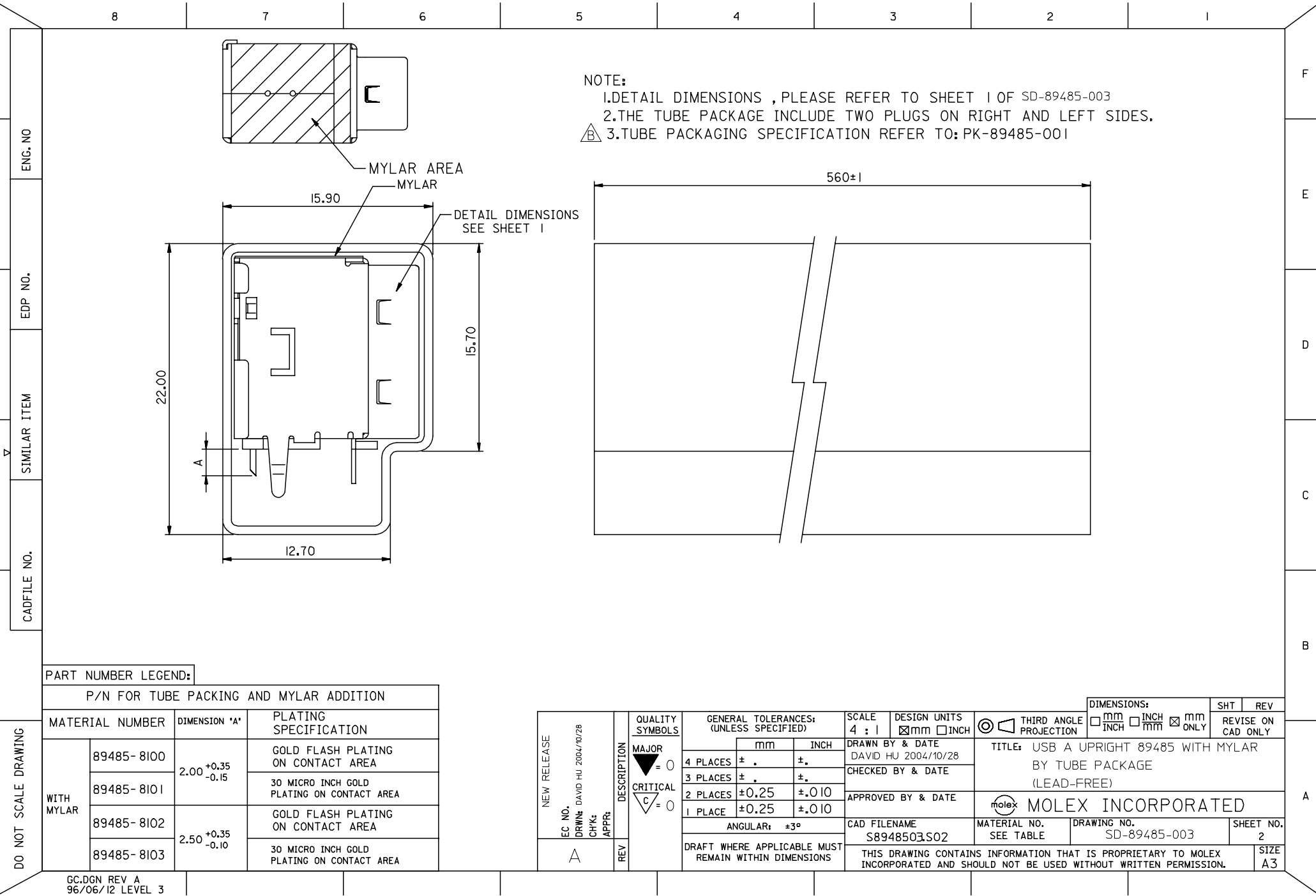


TUBE PACKAGING P/N, PLEASE REFER TO SHEET 2.3

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	2004/11/5		DRAWN BY DAVID HU	CHK'D BY	ENG. NO.:	SD-89485-003	REV A
LTR	REVISION RECORD	ECN	DR	DATE		2004/11/5		TITLE :	SINGLE PORT UP-RIGHT	
REVISE ONLY ON CAD SYSTEM						APPR'D BY	SCALE	4:1		
								USB CONNECTOR (LEAD-FREE)		



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

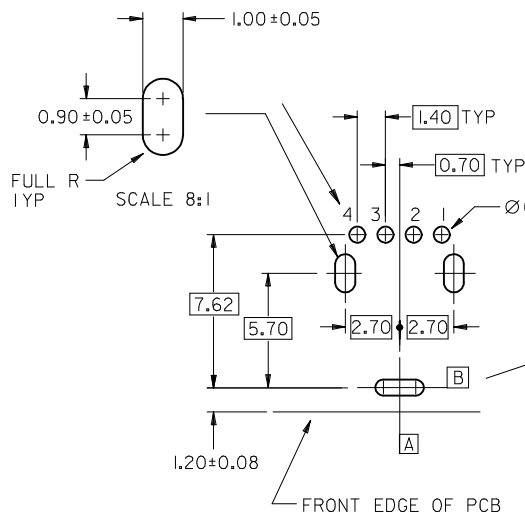
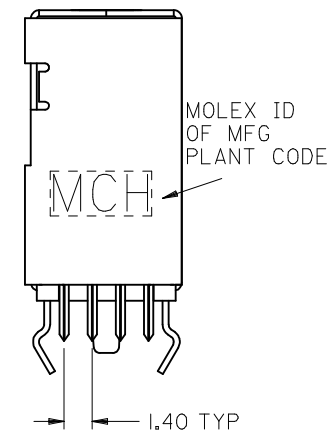
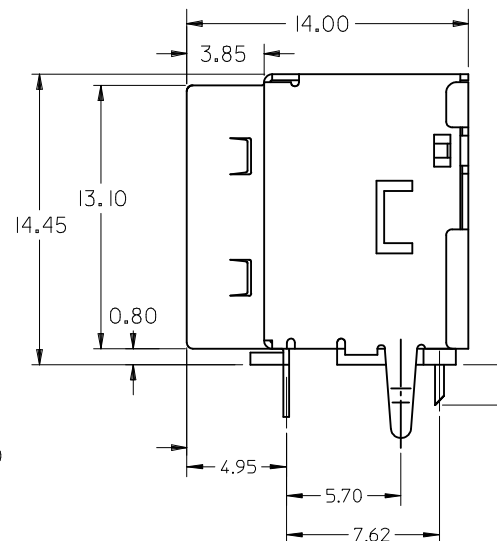
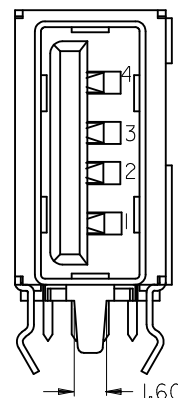
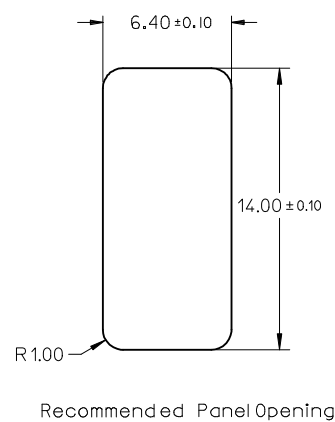
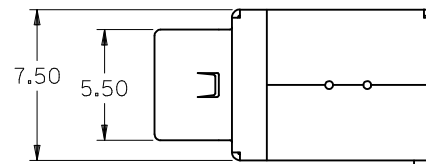
4.PRODUCT SPECIFICATION:REFER TO PS-89485

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

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
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
DAVID HU

CHECKED BY

APPROVED BY

MATERIAL NO.
SEE TABLE

SIZE
A3

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

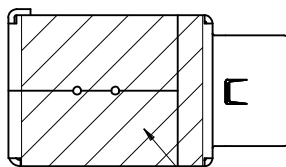
TITLE
SINGLE PORT UP-RIGHT
USB CONNECTOR
LEAD-FREE

MOLEX INCORPORATED

DOCUMENT NO.
SD-89485-003

SHEET NO.
1 OF 3

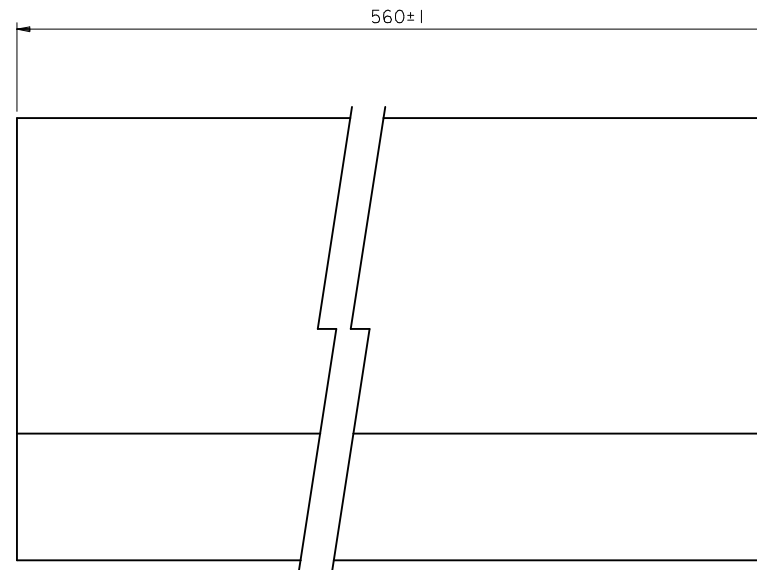
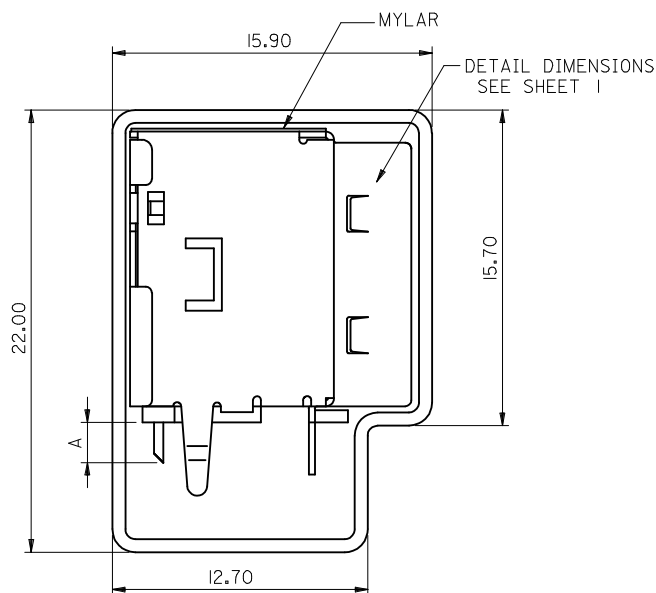
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MYLAR AREA

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
DR:WNEZHAO 2008/12/02
CHKD:RZHANG 2008/12/12
APPR:HWANG 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	DATE
DAVID HU	
CHECKED BY	DATE
APPROVED BY	DATE

MATERIAL NO.
SEE TABLE

SCALE
4:1

DOCUMENT NO.
SD-89485-003

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

SINGLE PORT UP-RIGHT
USB CONNECTOR
LEAD-FREE

MOLEX INCORPORATED

SHEET NO.
2 OF 3

10 9 8 7 6 5 4 3 2 1

F

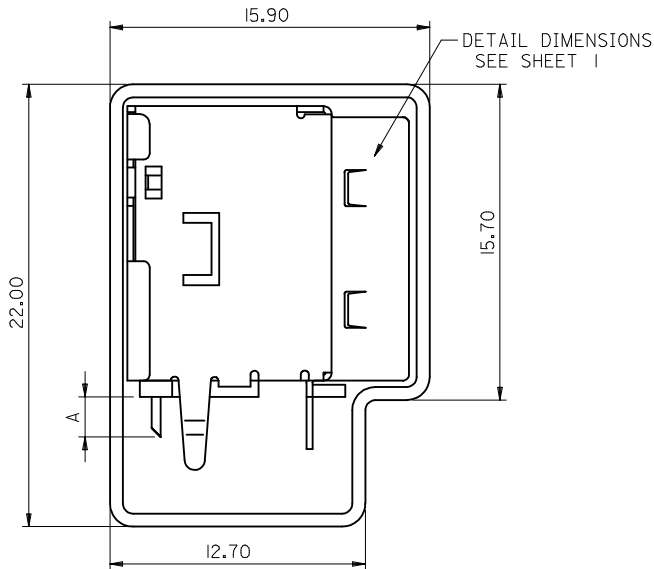
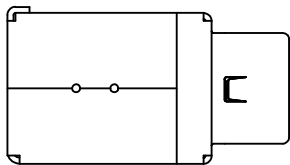
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D

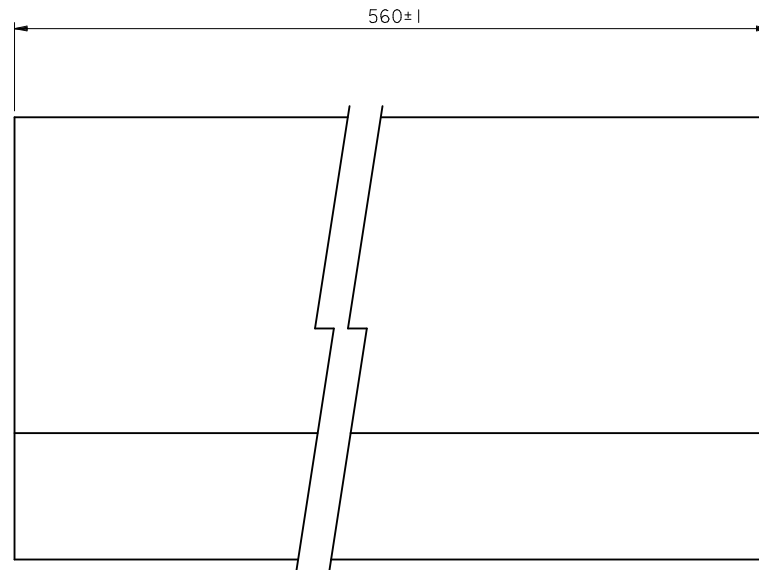
C

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

9 8 7 6 5 4 3 2 1

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