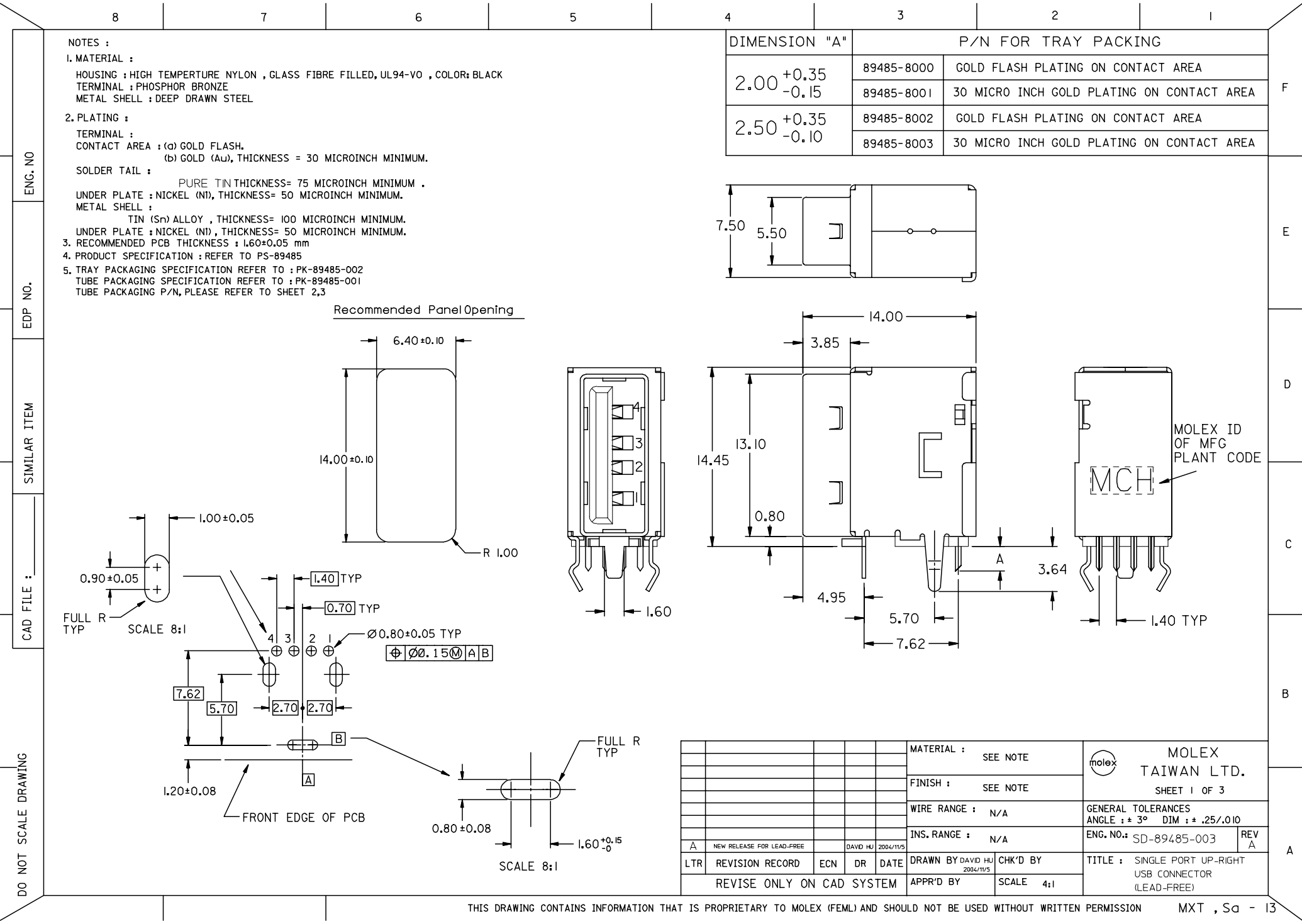
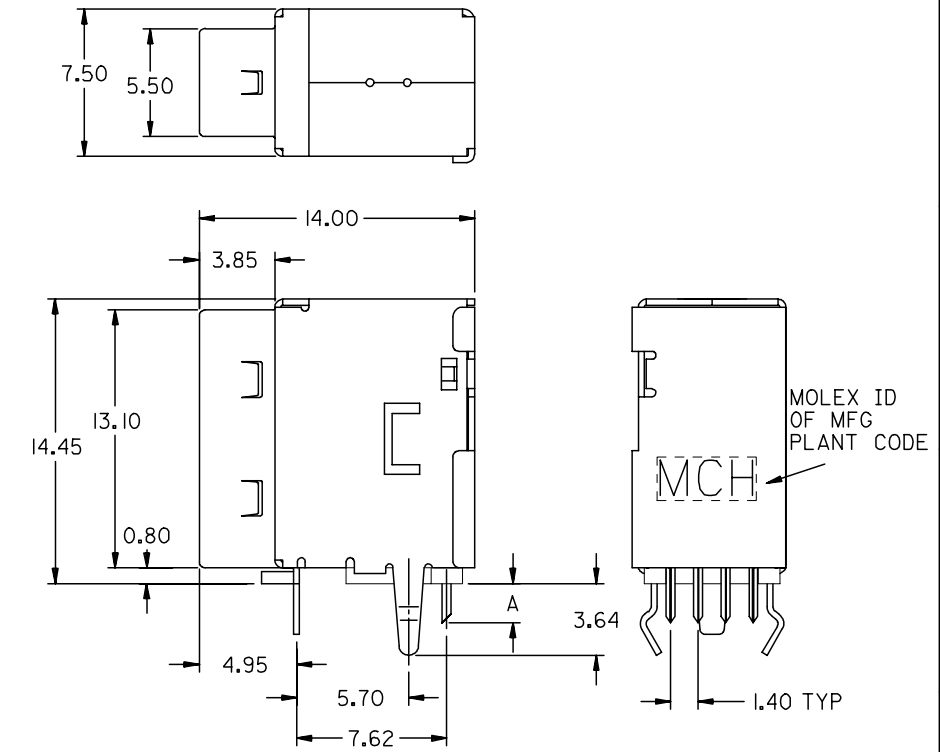
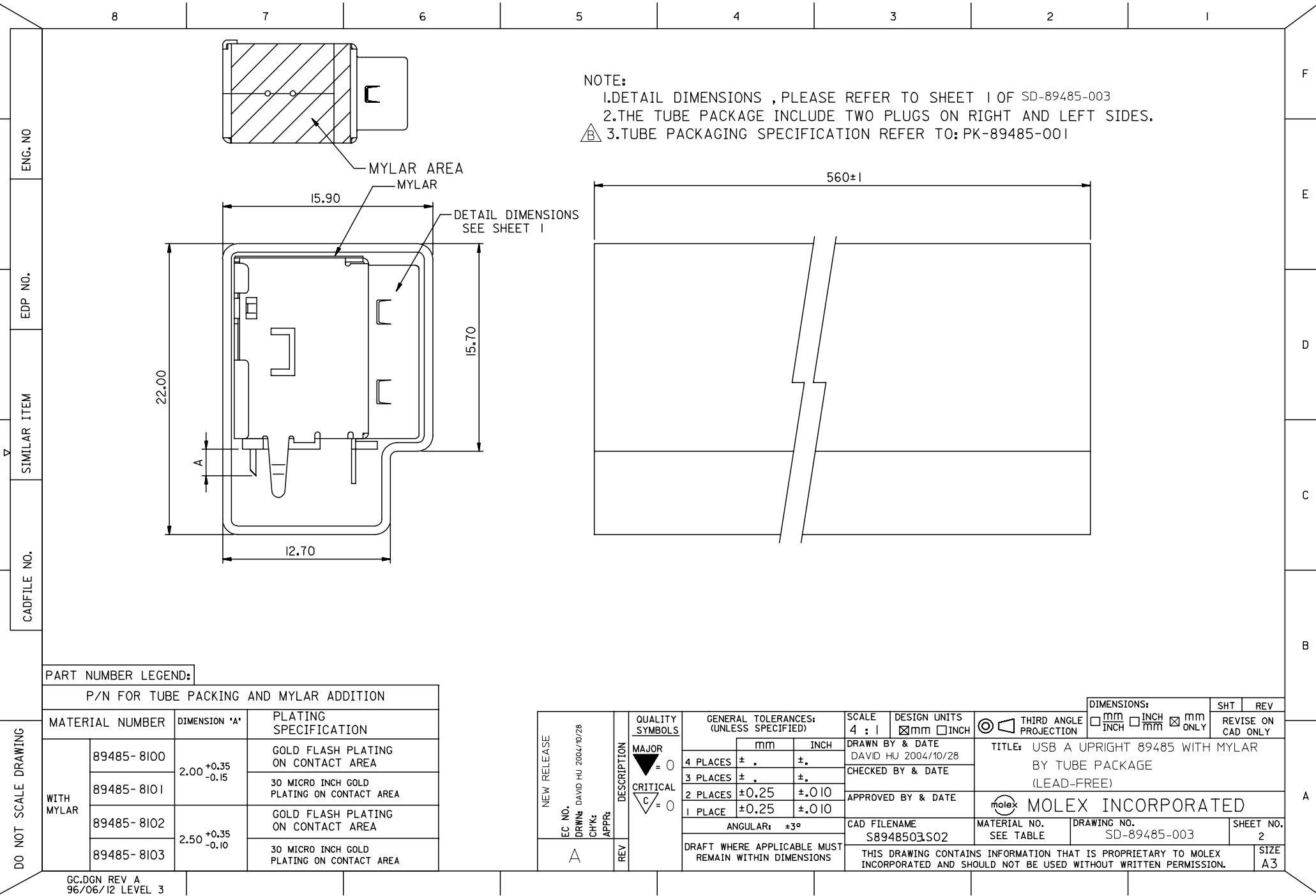




DIMENSION "A"	P/N FOR TRAY PACKING	
2.00 ^{+0.35} _{-0.15}	89485-8000	GOLD FLASH PLATING ON CONTACT AREA
	89485-8001	30 MICRO INCH GOLD PLATING ON CONTACT AREA
2.50 ^{+0.35} _{-0.10}	89485-8002	GOLD FLASH PLATING ON CONTACT AREA
	89485-8003	30 MICRO INCH GOLD PLATING ON CONTACT AREA



						MATERIAL : SEE NOTE	 MOLEX TAIWAN LTD. SHEET 1 OF 3	
						FINISH : SEE NOTE		
						WIRE RANGE : N/A	GENERAL TOLERANCES ANGLE : ± 3° DIM : ± .25/.010	
						INS. RANGE : N/A	ENG. NO.: SD-89485-003	REV A
A	NEW RELEASE FOR LEAD-FREE			DAVID HU	2004/11/5			
LTR	REVISION RECORD	ECN	DR	DATE	DRAWN BY DAVID HU 2004/11/5	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: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

89485-8001

SEE NOTES(b)+(d)

30 MICRO INCH GOLD

75 MICRO INCH BRIGHT TIN

100 MICRO INCH BRIGHT TIN

2.50^{+0.35}_{-0.10}

89485-8002

SEE NOTES(a)+(d)

GOLD FLASH

89485-8003

SEE NOTES(b)+(d)

30 MICRO INCH GOLD

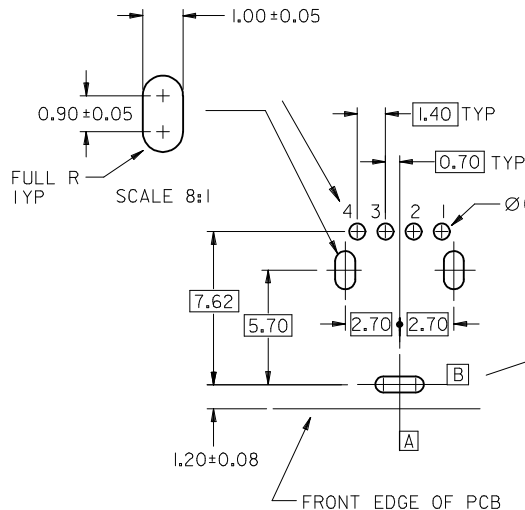
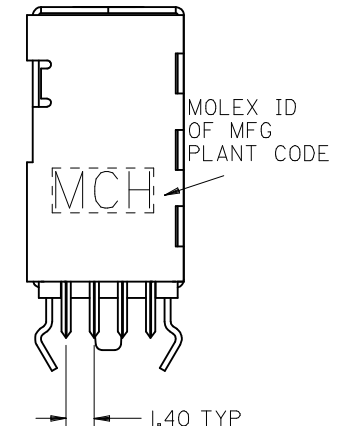
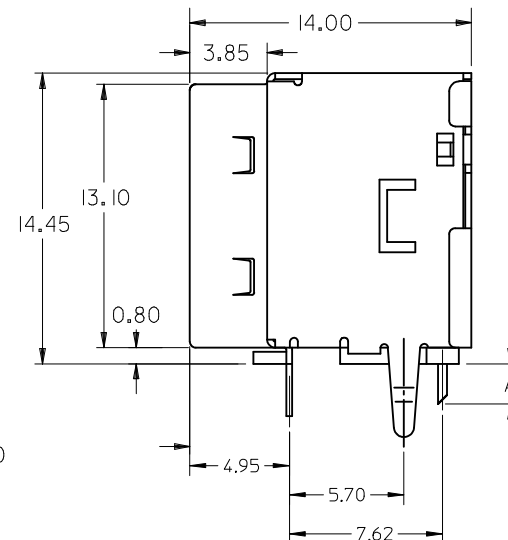
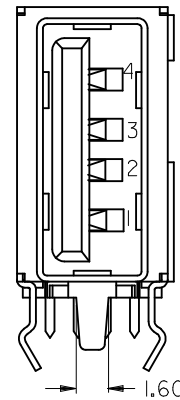
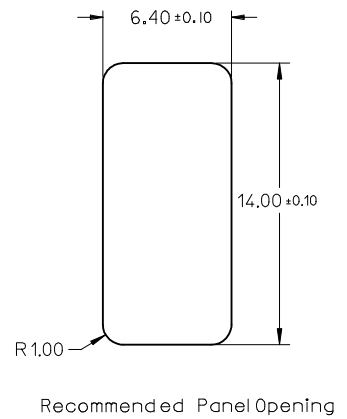
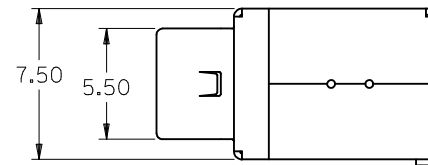
89485-8012

SEE NOTES(c)+(e)

GOLD FLASH

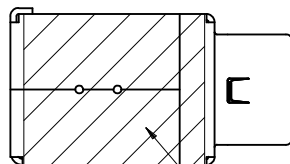
75 MICRO INCH MATTE TIN

100 MICRO INCH MATTE TIN

REVISED
EC NO: SH2014-0076
DRAWN: ZHANG
CHKD:
APPR: AYIN
REVQUALITY SYMBOLS
F_A=0
F_B=0
F_C=0GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.25 ± .010
1 PLACE ± 0.25 ± .010
0 PLACE ± ±
ANGULAR ± 3 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM ONLY
DRAWN BY
DAVID HU
CHECKED BY
DATE
APPROVED BY
DATE
MATERIAL NO.
SEE TABLE
SIZE
A3SCALE
1:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
TITLE
SINGLE PORT UP-RIGHT
USB CONNECTOR
molex
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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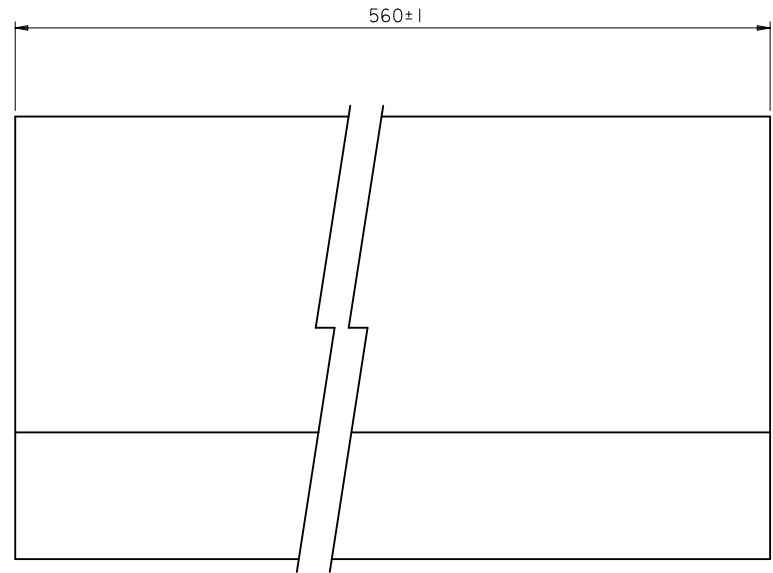
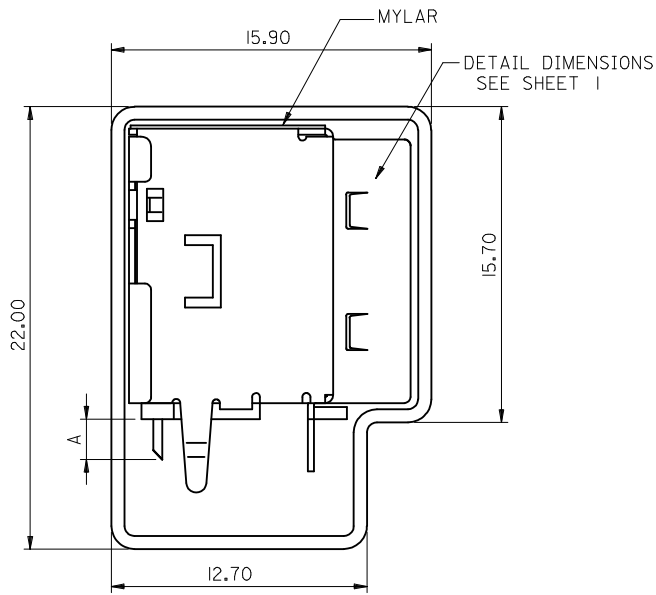
F



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

E



D

C

B

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

SEE SHEET 1
EC NO: SH2014-0076
DRWN:ZHANG 2013/08/16
CHKD: 2013/09/13
APPR:AYIN
REV

QUALITY SYMBOLS
$F_A=0$
$F_C=0$
$F_P=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± .010
1 PLACE	± 0.25	± .010
0 PLACE	±	±
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 SHEET 1	
SIZE	
A3	

SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	
TITLE			
SINGLE PORT UP-RIGHT USB CONNECTOR			
molex			
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			

9 8 7 6 5 4 3 2 1

10

9

8

7

6

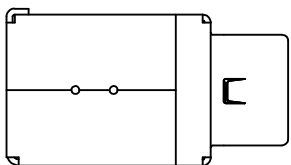
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4

3

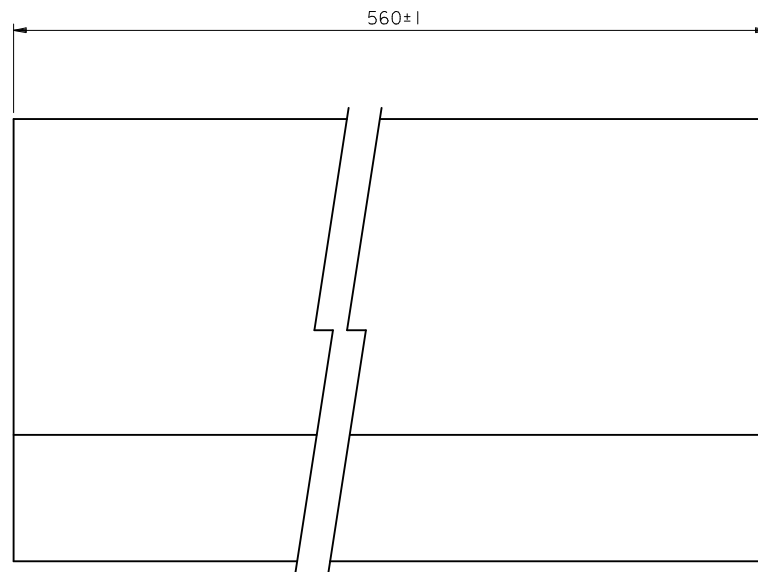
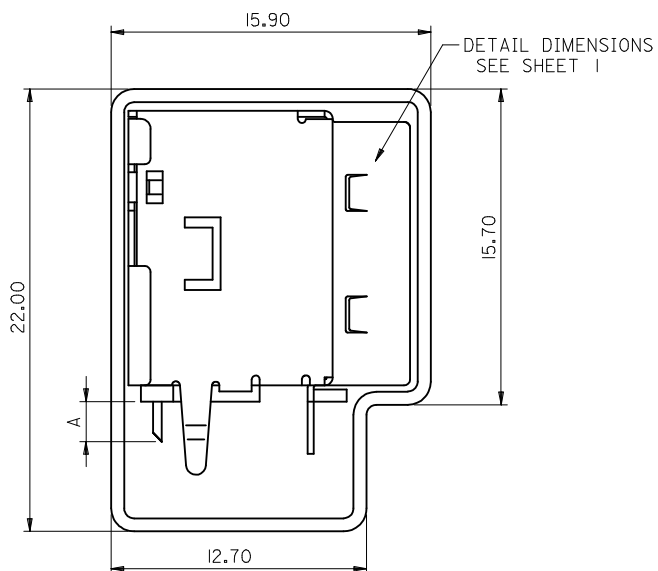
2

1



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	89485-8200	2.00 ^{+0.35} _{-0.15}	GOLD FLASH PLATING ON CONTACT AREA
	89485-8201		30 MICRO INCH GOLD PLATING ON CONTACT AREA
	89485-8202	2.50 ^{+0.35} _{-0.10}	GOLD FLASH PLATING ON CONTACT AREA
	89485-8203		30 MICRO INCH GOLD PLATING ON CONTACT AREA

SEE SHEET 1 EC NO: SH2014-0076 DRAWN: RZhang CHKD: APPR: AYIN	2013/08/16	2013/09/13
	DESCRIPTION	REV
	QUALITY SYMBOLS	

QUALITY SYMBOLS
$\nabla_F = 0$
$\nabla_E = 0$
$\nabla_B = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± .010
1 PLACE	± 0.25	± .010
0 PLACE	±	±
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 SHEET 1	
SIZE	A3

SCALE 1:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
TITLE SINGLE PORT UP-RIGHT USB CONNECTOR			
molex			
DOCUMENT NO. SD-89485-003			SHEET NO. 3 OF 3
AINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			