

10 9 8 7 6 5 4 3 2 1

NOTES :

1. MATERIAL :
 HOUSING : (a) HIGH TEMP. NYLON ,GLASS FIBER FILLED,UL94V-0, COLOR: BLACK,
 (b) POLYESTER , GLASS FIBER FILLED,UL94V-0, COLOR: WHITE,
 TERMINAL : PHOSPHOR BRONZE
 METAL SHELL : COPPER ALLOY

2. PLATING :

TERMINAL :
 CONTACT AREA : (a) GOLD FLASH.
 (b) GLOD (Au), THICKNESS = 30 MICROINCH MINIMUM.
 /0.76 MICROMETER MINIMUM.

SOLDER TAIL :
 PURE TIN(Sn) THICKNESS= 75 MICROINCH MINIMUM .
 /1.9 MICROMETER MINIMUM.

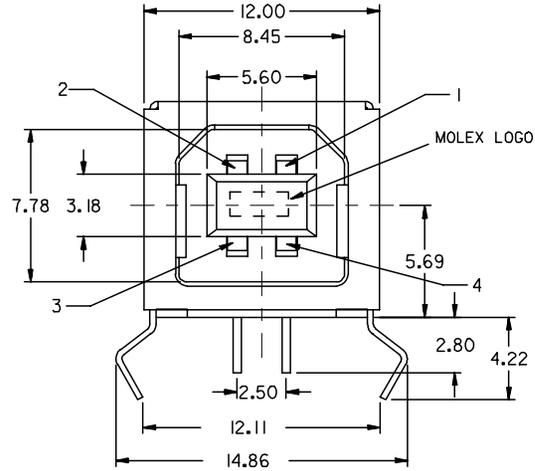
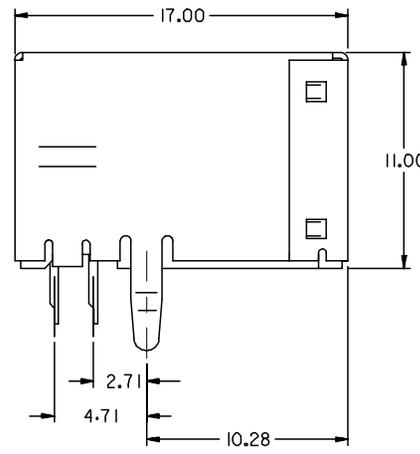
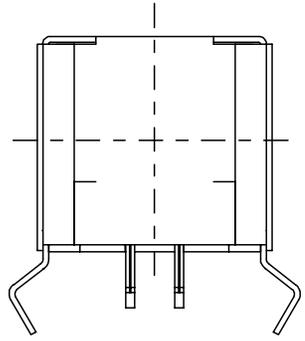
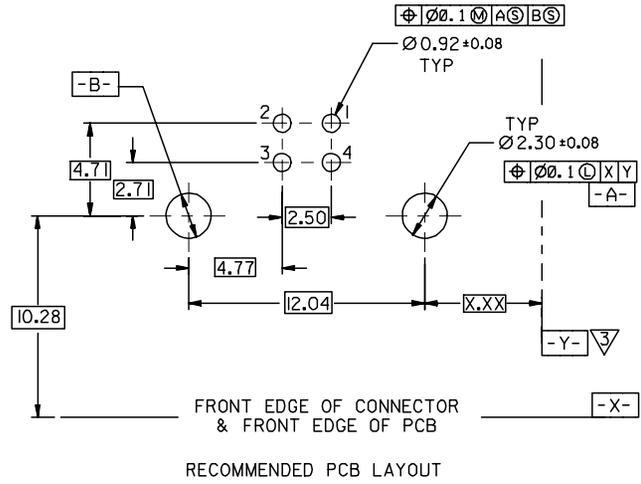
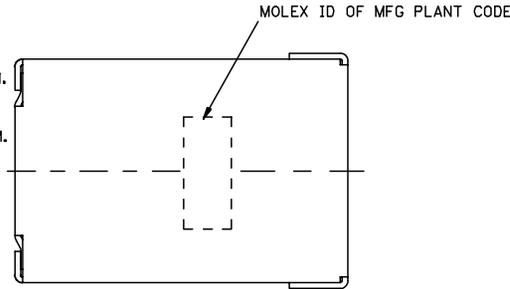
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
 /1.27 MICROMETER MINIMUM.

METAL SHELL :
 PURE TIN(Sn) , THICKNESS= 50 MICROINCH MINIMUM.
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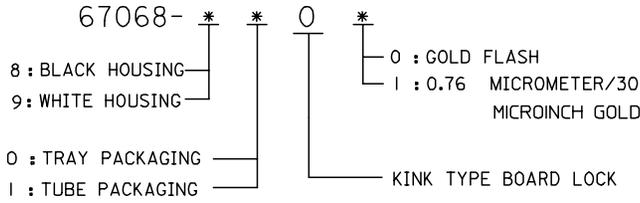
UNDER PLATE : NICKEL (Ni) , THICKNESS= 50 MICROINCH MINIMUM.
 /1.27 MICROMETER MINIMUM.

▽ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
 RECOMMENDED PCB THICKNESS : 1.60±0.05

4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000



PART NUMBER LEGEND:



NEW RELEASE	DESCRIPTION
EC NO: SH2005-0142	DRWN: DAVID HU 2004/11/5
CHKD: HARVEY 2004/11/25	APPR: TYAP 2004/11/25
REV	A

QUALITY SYMBOLS	▽=0
▽C=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
PLACES	TOLERANCE
4 PLACES	± ---
3 PLACES	± ---
2 PLACES	± 0.25
1 PLACE	± 0.25
ANGULAR ± 3 °	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
DAVID HU	2004/11/05
CHECKED BY	DATE
HARVEY	2004/11/05
APPROVED BY	DATE
MATERIAL NO.	DOCUMENT NO.
	SD-67068-003

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	METRIC	
TITLE		
USB B TYPE CONNECTOR		
KINK TYPE BOARD LOCK		
(LEAD-FREE)		
MOLEX INCORPORATED		
SHEET NO.		1 OF 4

DRAFT WHERE APPLICABLE
 MUST REMAIN WITHIN DIMENSIONS

SEE NOTES
 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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NOTES :

1. MATERIAL :
 HOUSING : (a) HIGH TEMP. NYLON, GLASS FIBER FILLED, UL94V-0, COLOR: BLACK,
 (b) POLYESTER, GLASS FIBER FILLED, UL94V-0, COLOR: WHITE,
 TERMINAL : PHOSPHOR BRONZE
 METAL SHELL : COPPER ALLOY

2. PLATING :
 TERMINAL :
 CONTACT AREA : (a) GOLD FLASH.
 (b) GLOD (Au), THICKNESS = 30 MICROINCH MINIMUM.
 /0.76 MICROMETER MINIMUM.

SOLDER TAIL :
 PURE TIN(Sn) THICKNESS= 75 MICROINCH MINIMUM .
 /1.9 MICROMETER MINIMUM.

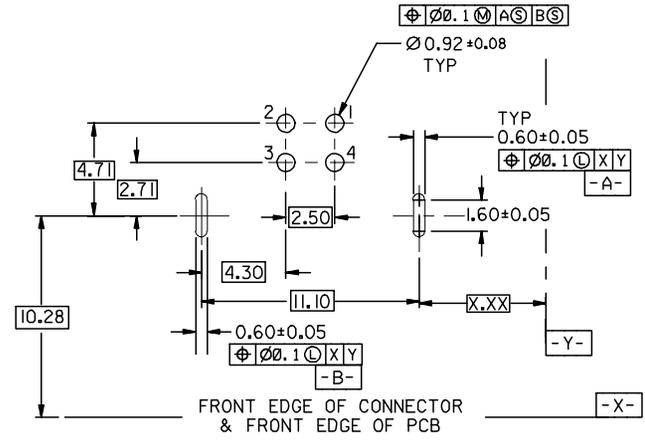
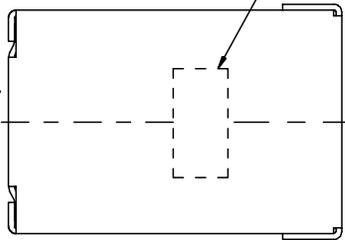
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
 /1.27 MICROMETER MINIMUM.

METAL SHELL :
 PURE TIN(Sn) THICKNESS= 50 MICROINCH MINIMUM.
 /1.27 MICROMETER MINIMUM.

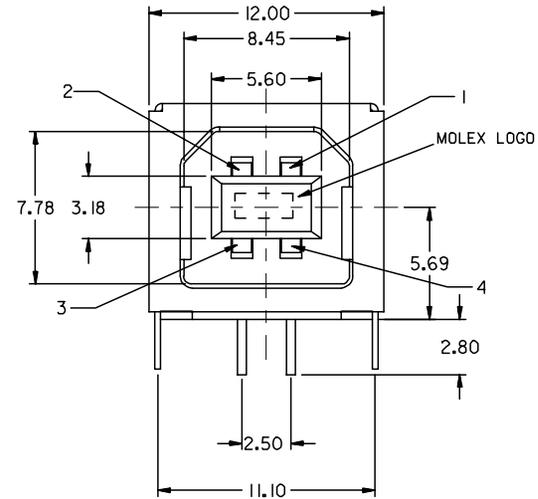
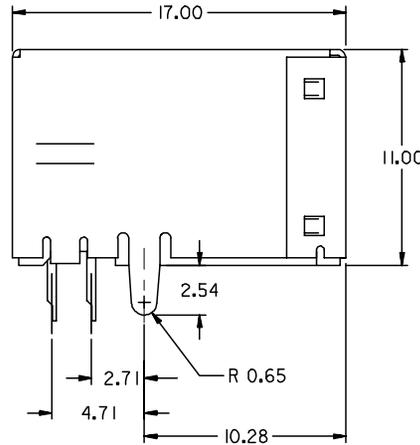
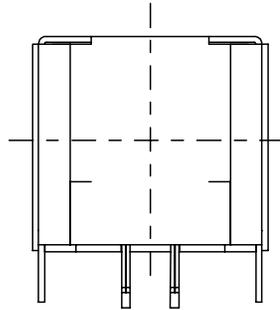
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
 /1.27 MICROMETER MINIMUM.

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
 RECOMMENDED PCB THICKNESS : 1.60±0.05
 4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

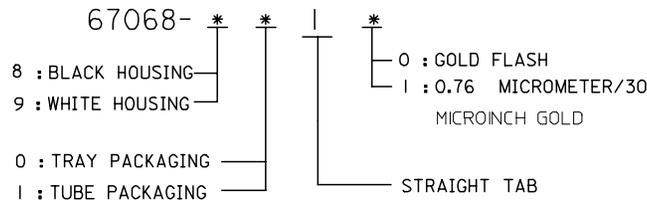
MOLEX ID OF MFG PLANT CODE



RECOMMENDED PCB LAYOUT



PART NUMBER LEGEND:



NEW RELEASE EC NO: SH2005-0142 DRWN: DAVID HU 2004/11/05 CHKD: HARVEY 2004/11/25 APPR: TYAP 2004/11/25	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0 ∇=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 2004/11/05 1 PLACE ± 0.25 ± ---	mm INCH	DRAWN BY DAVID HU	DATE 2004/11/05	TITLE USB B TYPE CONNECTOR WITH STRAIGHT TAB (LEAD-FREE)
		ANGULAR ± 3 °	APPROVED BY	DATE 2004/11/05	MOLEX INCORPORATED	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE NOTES	MATERIAL NO.	DOCUMENT NO. SD-67068-003	SHEET NO. 2

9 8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

NOTES :
 1. MATERIAL :
 HOUSING : (a) HIGH TEMP. NYLON, GLASS FIBER FILLED, UL94V-0, COLOR: BLACK,

TERMINAL : PHOSPHOR BRONZE
 METAL SHELL : COPPER ALLOY

2. PLATING :
 TERMINAL :
 CONTACT AREA : (a) GOLD FLASH.
 (b) GL0D (Au), THICKNESS = 30 MICROINCH MINIMUM.
 /0.76 MICROMETER MINIMUM.

SOLDER TAIL :
 PURE TIN(Sn) THICKNESS= 75 MICROINCH MINIMUM .
 /1.9 MICROMETER MINIMUM.

UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
 /1.27 MICROMETER MINIMUM.

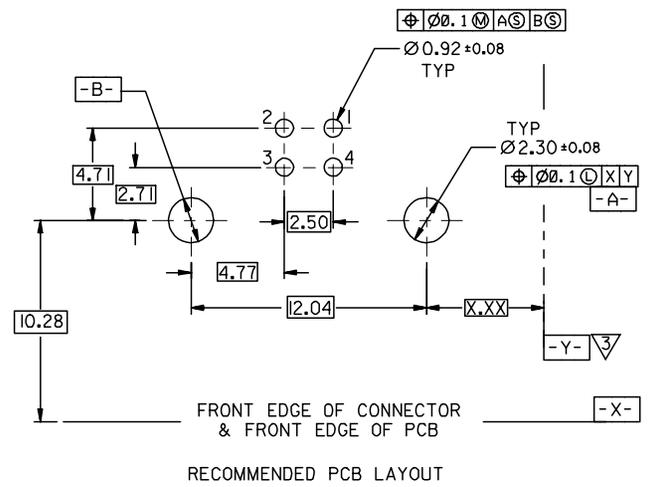
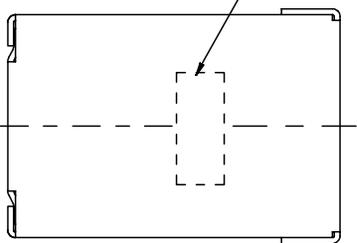
METAL SHELL :
 PURE TIN(SN), THICKNESS= 50 MICROINCH MINIMUM.
 /1.27 MICROMETER MINIMUM.

UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
 /1.27 MICROMETER MINIMUM.

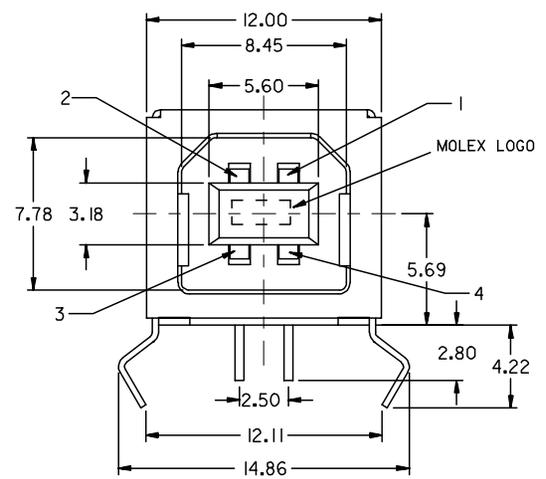
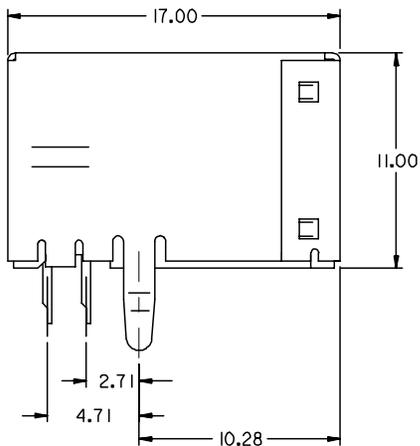
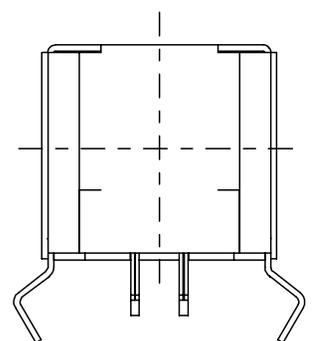
▽ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
 RECOMMENDED PCB THICKNESS : 1.60±0.05

4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



FRONT EDGE OF CONNECTOR
 & FRONT EDGE OF PCB
 RECOMMENDED PCB LAYOUT



PART NUMBER LEGEND:
 67068- 7041

				MATERIAL : SEE NOTES		 MOLEX TAIWAN LTD. SHEET 3 OF 4
				FINISH : SEE NOTES		
				WIRE RANGE :		GENERAL TOLERANCES ANGLE : ± 3° DIM : ± .25/.010
				INS. RANGE :		ENG. NO.: SD-67068-003
A	NEW RELEASE FOR LEAD-FREE		DAVID HU	2004/11/5		REV A
LTR	REVISION RECORD	ECN	DR	DATE	DRAWN BY 2004/11/5 DAVID HU	CHK'D BY
REVISE ONLY ON CAD SYSTEM					APPR'D BY	SCALE 4 : 1
TITLE : HIGH TEMP.USB B TYPE CONNECTOR KINK TYPE BOARD LOCK (LEAD-FREE)						

DO NOT SCALE DRAWING

ENG. NO SDA-67068-****

EDP NO.

SIMILAR ITEM

CAD FILE : S6706802

DO NOT SCALE DRAWING

8

7

6

5

4

3

2

1

NOTES :

1. MATERIAL :

HOUSING : (a) HIGH TEMP. NYLON, GLASS FIBER FILLED, UL94V-0, COLOR: BLACK,

TERMINAL : PHOSPHOR BRONZE
METAL SHELL : COPPER ALLOY

2. PLATING :

TERMINAL :
CONTACT AREA : (a) GOLD FLASH,
(b) GL0D (Au), THICKNESS = 30 MICROINCH MINIMUM.
/0.76 MICROMETER MINIMUM.

SOLDER TAIL :
PURE TIN(Sn) THICKNESS= 75 MICROINCH MINIMUM .
/1.9 MICROMETER MINIMUM.

UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.

METAL SHELL :
PURE TIN(Sn) THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.

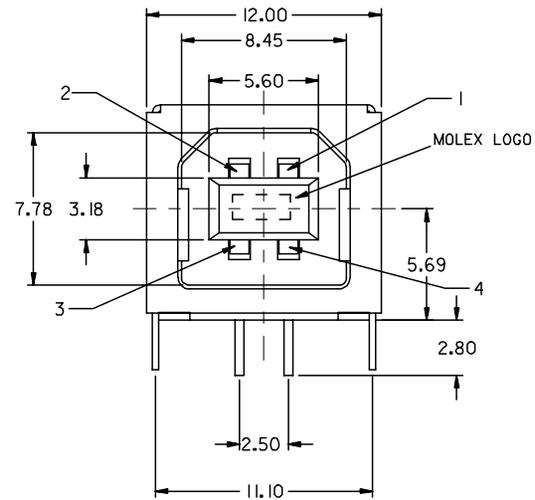
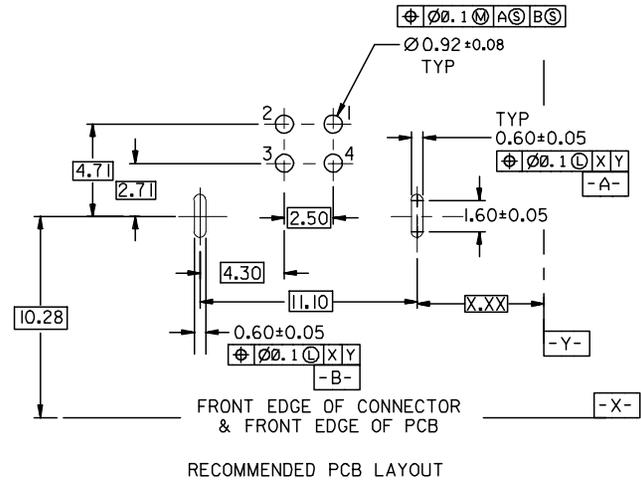
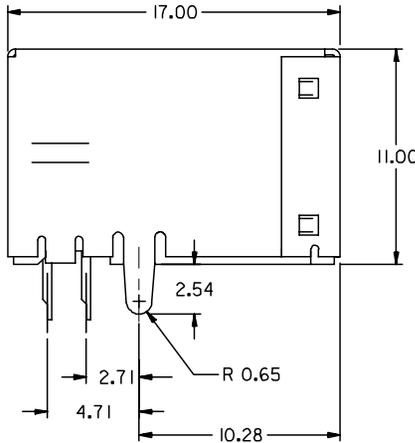
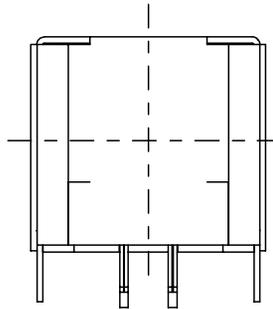
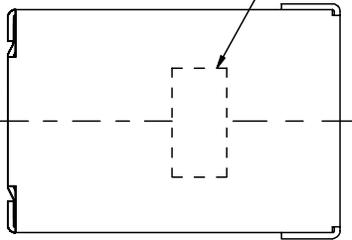
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

RECOMMENDED PCB THICKNESS : 1.60±0.05

4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



PART NUMBER LEGEND:

67068- 7051

				MATERIAL : SEE NOTES		molex TAIWAN LTD. SHEET 4 OF 4
				FINISH : SEE NOTES		
				WIRE RANGE :		GENERAL TOLERANCES ANGLE : ± 3° DIM : ± .25/.010
				INS. RANGE :		ENG. NO.: SD-67068-003
A	NEW RELEASE FOR LEAD-FREE	DAVID HU	2004/11/5	DRAWN BY 2004/11/5 DAVID HU		REV A
LTR	REVISION RECORD	ECN	DR	DATE	CHK'D BY	TITLE : HIGH TEMP USB B TYPE CONNECTOR WITH STRAIGHT TAB (LEAD-FREE)
REVISE ONLY ON CAD SYSTEM					APPR'D BY	SCALE 4 : 1

NOTES:

1.MATERIAL:

HOUSING:

- (a)HIGH TEMP,NYLON,GLASS FIBRE FILLED,UL94V-0,COLOR: 8BALCK
- (b)POLYESTER(PBT),30% GLASS FIBER FILLED,UL94V-0,COLOR: 9WHITE
- TERMINAL: PHOSPHOR BRONZE
- METAL SHELL: COPPER ALLOY

2.PLATING:

TERMINAL:

- (c)GOLD FLASH ON CONTACT AREA,75 MICROINCH MINIMUM PURE TIN(Sn) ON SOLDER TAIL,UNDER 50 MICROINCH MINIMUM NICKEL(Ni) PLATE.
- (d)30 MICROINCH MINIMUM GOLD(Au) ON CONTACT AREA,75 MICROINCH MINIMUM PURE TIN(Sn) ON SOLDER TAIL,UNDER 50 MICROINCH MINIMUM NICKEL(Ni) PLATE.
- (e)GOLD FLASH ON CONTACT AREA,75 MICROINCH MINIMUM MATTE TIN(Sn) ON SOLDER TAIL,UNDER 50 MICROINCH MINIMUM NICKEL(Ni) PLATE.
- (f)30 MICROINCH MINIMUM GOLD(Au) ON CONTACT AREA,75 MICROINCH MINIMUM MATTE TIN(Sn) ON SOLDER TAIL,UNDER 50 MICROINCH MINIMUM NICKEL(Ni) PLATE.

METAL SHELL:

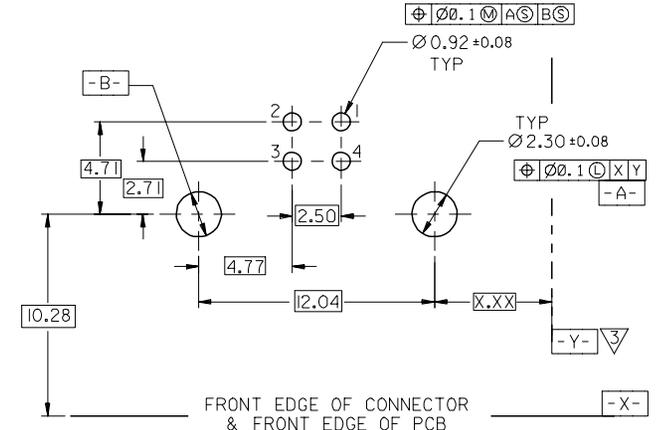
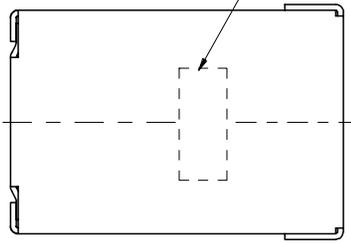
- (g)50 MICROINCH MINIMUM PURE TIN(Sn),UNDER 50 MICROINCH MINIMUM NICKEL(Ni) PLATE.
- (h)50 MICROINCH MINIMUM MATTE TIN(Sn),UNDER 50 MICROINCH MINIMUM NICKEL(Ni) PLATE.

3.DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

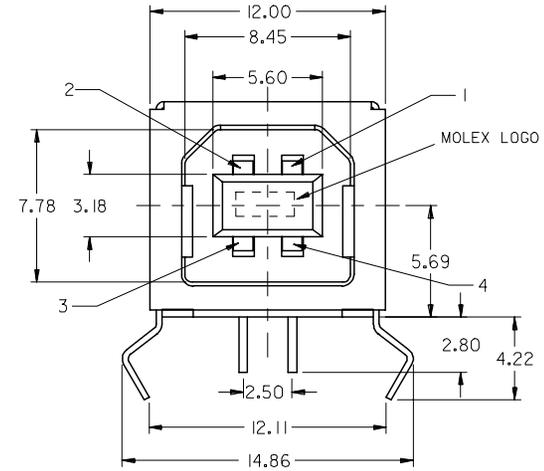
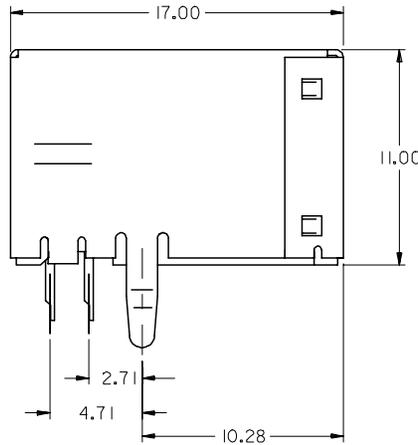
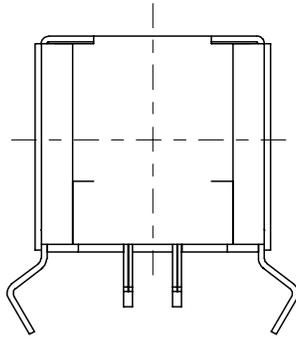
RECOMMENDED PCB THICKNESS : 1.60±0.05

4.PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



FRONT EDGE OF CONNECTOR & FRONT EDGE OF PCB
RECOMMENDED PCB LAYOUT



P/N	HOUSING COLOR	PLATING
67068-8000	BLACK	GOLD FLASH SEE NOTES(2-(c),2-(g))
67068-8001	BLACK	30MICROINCH Au SEE NOTES(2-(d),2-(g))
67068-9000	WHITE	GOLD FLASH SEE NOTES(2-(c),2-(g))
67068-9001	WHITE	30MICROINCH Au SEE NOTES(2-(d),2-(g))
67068-8012	BLACK	30MICROINCH Au SEE NOTES(2-(f),2-(h))
67068-8013	BLACK	GOLD FLASH SEE NOTES(2-(e),2-(h))

REVISED	EC NO: SH2007-0468	2007/01/19
	DRWN:HYE01	2007/01/19
	CHKD:WANG	2007/01/19
	APPR: JNCHEN	2007/01/26
REV	DESCRIPTION	

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		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		4:1	METRIC	
DRAWN BY	DATE	TITLE		
DAVID HU	2004/11/05	USB B TYPE CONNECTOR LEAD-FREE		
CHECKED BY	DATE			
HARVEY	2004/11/05			
APPROVED BY	DATE			
MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
		SD-67068-004	1 OF 1	
SIZE	SEE NOTES			
A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

MOLEX INCORPORATED	
SD-67068-004	
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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:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

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moschip.ru_4

moschip.ru_6

moschip.ru_9