

10 9 8 7 6 5 4 3 2 1

NOTES :

1. MATERIAL :

HOUSING : (a) HIGH TEMP. NYLON ,GLASS FIBER FILLED,UL94V-O, COLOR: BLACK,
(b) POLYESTER , GLASS FIBER FILLED,UL94V-O, 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 : TIN-LEAD (Sn-Pb) ALLOY,

THICKNESS= 75 MICROINCH MINIMUM .
/1.9 MICROMETER MINIMUM.

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

METAL SHELL :

TIN-LEAD (Sn-Pb) ALLOY , THICKNESS= 100 MICROINCH MINIMUM.
/2.54 MICROMETER MINIMUM.

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

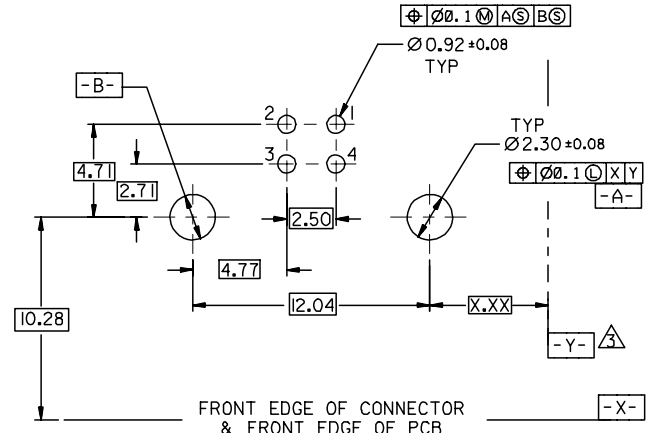
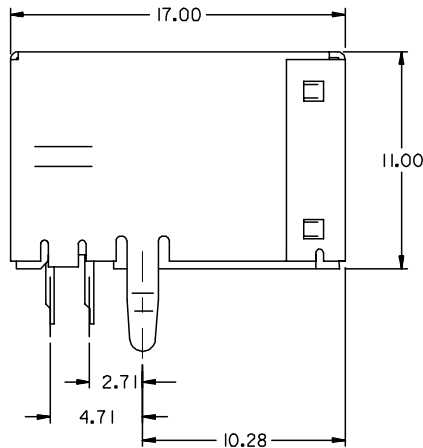
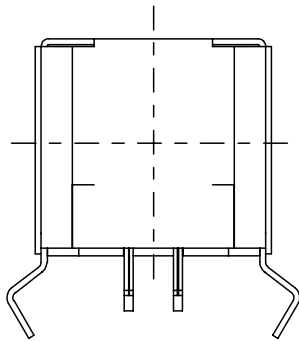
/1.27 MICROMETER MINIMUM.

△ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

RECOMMENDED PCB THICKNESS : 1.60±0.05

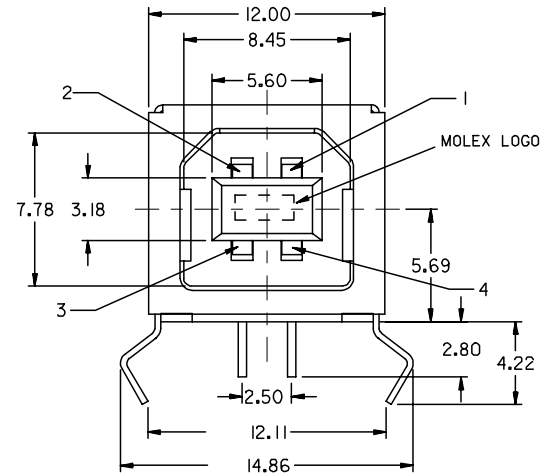
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



FRONT EDGE OF CONNECTOR
& FRONT EDGE OF PCB

RECOMMENDED PCB LAYOUT



PART NUMBER LEGEND:

67068-

0 : BLACK HOUSING
1 : WHITE HOUSING

0 : TRAY PACKAGING
1 : TUBE PACKAGING

0

0 : GOLD FLASH
1 : 0.76 MICROMETER/30
MICROINCH GOLD
KINK TYPE BOARD LOCK

REVISED	EC NO: SH2006-0759	2006/10/26	2006/11/14
DRWN: FANG05	CHKD: HWANG	2006/10/27	2006/11/14
APPR: JNCHEN			
REV	DESCRIPTION		

QUALITY
SYMBOLS

▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.15	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
INCH ONLY

DRAWN BY DATE
VINCENT LIN
CHECKED BY DATE
APPROVED BY DATE

MATERIAL NO.

SEE TABLE

SIZE
A3

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

USB B TYPE CONNECTOR
KINK TYPE BOARD LOCK



MOLEX INCORPORATED

DOCUMENT NO.

SDA-67068-****

SHEET NO.

1 OF 4

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

I. 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

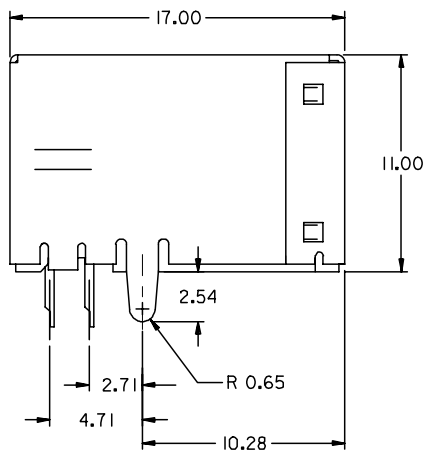
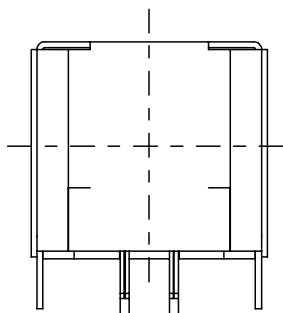
TERMINAL :
CONTACT AREA : (a) GOLD FLASH.
(b) GLOD (Au), THICKNESS = 30 MICROINCH MINIMUM.
/0.76 MICROMETER MINIMUM.

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

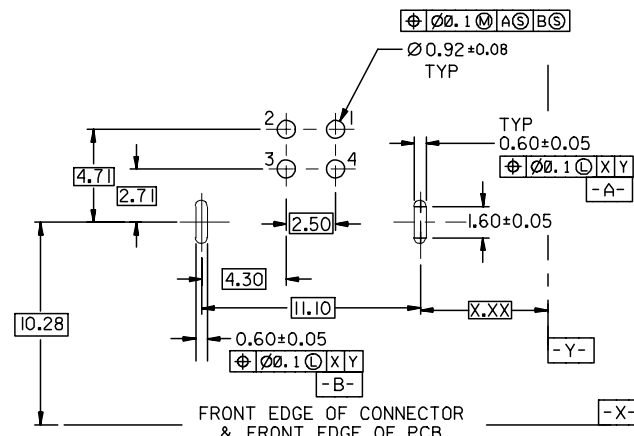
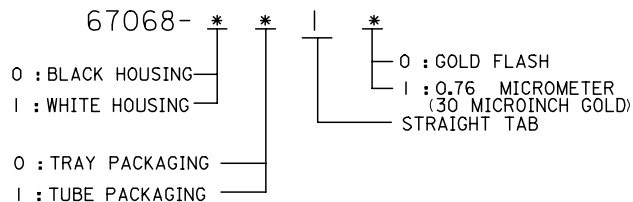
UNDER PLATE : NICKEL (NI), THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.

RECOMMENDED PCB THICKNESS : 1.60±0.05

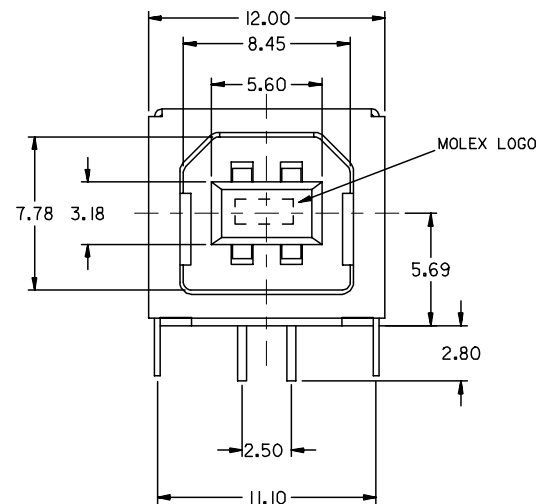
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000



PART NUMBER LEGEND(EXCEPT 67068-1111&67068-0011):



RECOMMENDED PCB LAYOUT



REVISED EC NO: SH2006-0759 DRAWN: FANG05 2006/10/26 CHKD: HWANG 2006/10/27 APPR: JINCHEN 2006/11/14	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY DATE		TITLE USB B TYPE CONNETOR KINK TYPE BOARD LOCK				
			4 PLACES	± ---	± ---	VINCENT						
			3 PLACES	± ---	± ---	CHECKED BY DATE						
			2 PLACES	± 0.25	± ---							
			1 PLACE	± 0.15	± ---	APPROVED BY DATE		MOLEX MOLEX INCORPORATED				
			ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE LENEND		SDA-67068-****		2 OF 4		
						SIZE A3		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

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) GLOD (Au), THICKNESS = 30 MICROINCH MINIMUM,
/0.76 MICROMETER MINIMUM.

SOLDER TAIL : TIN-LEAD (Sn-Pb) ALLOY,
THICKNESS= 75 MICROINCH MINIMUM ,
/1.9 MICROMETER MINIMUM.

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

METAL SHELL :
TIN(Sn) ALLOY , THICKNESS= 100 MICROINCH MINIMUM.
/2.54 MICROMETER MINIMUM.

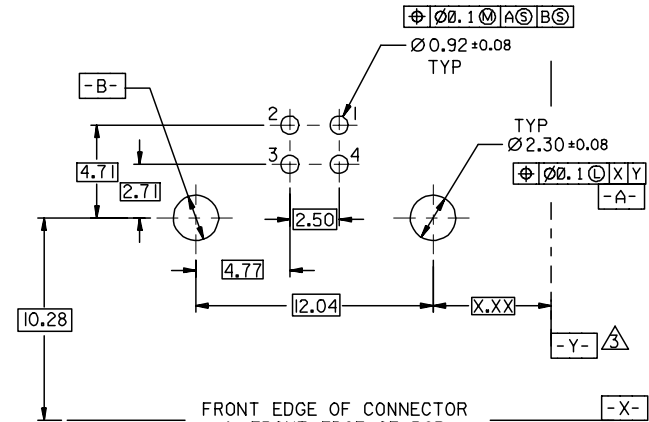
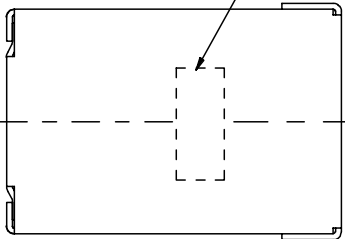
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.

△ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

RECOMMENDED PCB THICKNESS : 1.60±0.05

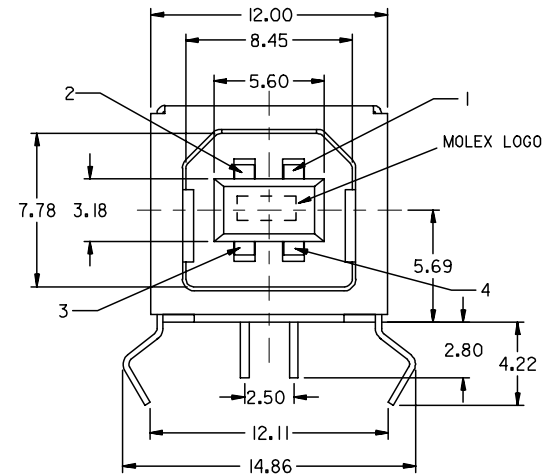
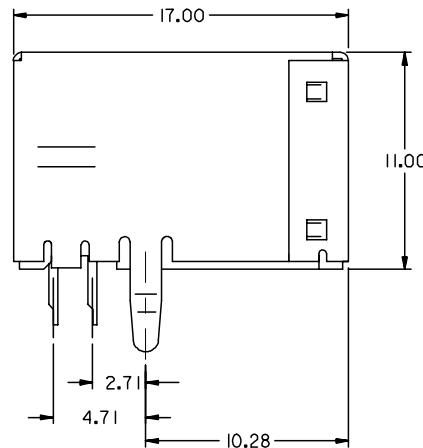
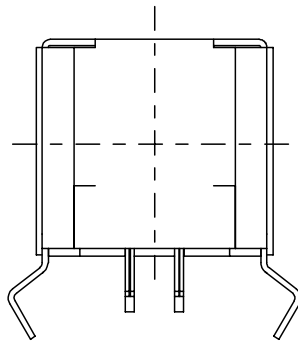
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



FRONT EDGE OF CONNECTOR
& FRONT EDGE OF PCB

RECOMMENDED PCB LAYOUT



PART NUMBER LEGEND:

67068- 2041

REVISED EC NO: SH2006-0759 DRWN: FANG05 CHKD: HWANG APPR: JNCHEN 2006/10/26 2006/10/27 2006/11/14	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
						DRAWN BY DATE		TITLE USB B TYPE CONNECTOR						
						CHECKED BY DATE								
						APPROVED BY DATE							MOLEX INCORPORATED	
						MATERIAL NO.		DOCUMENT NO.					SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE LEGEND		SDA-67068-****					3 OF 4	
						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

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) GLOD (Au), THICKNESS = 30 MICROINCH MINIMUM.
/0.76 MICROMETER MINIMUM.

SOLDER TAIL : TIN-LEAD (Sn-Pb) ALLOY,

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/1.9 MICROMETER MINIMUM.

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

/1.27 MICROMETER MINIMUM.

METAL SHELL :

TIN(Sn) ALLOY , THICKNESS= 100 MICROINCH MINIMUM.

/2.54 MICROMETER MINIMUM.

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

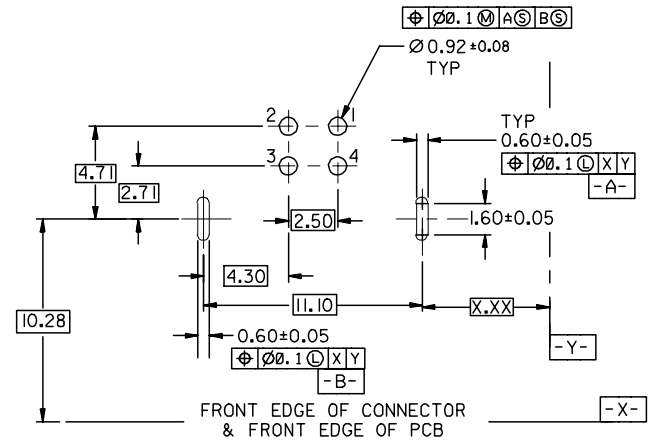
/1.27 MICROMETER MINIMUM.

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

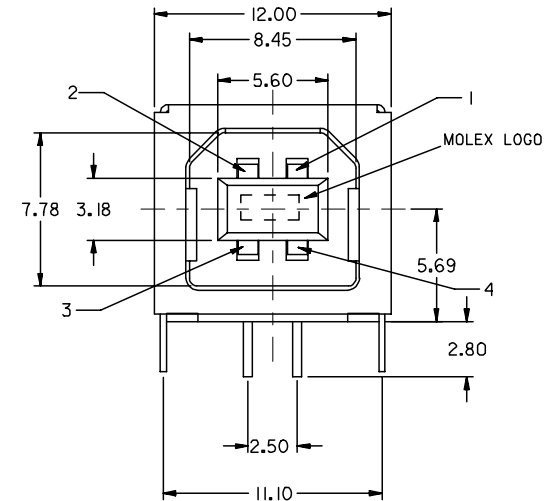
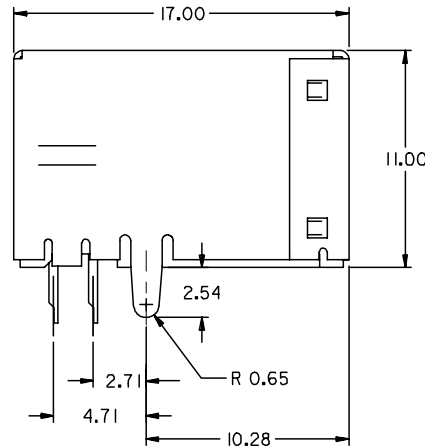
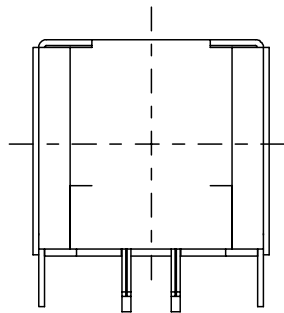
RECOMMENDED PCB THICKNESS : 1.60±0.05

4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



RECOMMENDED PCB LAYOUT



PART NUMBER LEGEND:

67068- 2051

REV	DESCRIPTION	DATE	BY	APPR
1	REVISED	2006/10/27	CHYD-HWANG	INCHEN
2	EC NO: SH2006-0759	2006/11/14	CHYD-HWANG	INCHEN

QUALITY SYMBOLS
▽=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± ---
2 PLACES ± 0.25	± ---
1 PLACE ± 0.25	± ---
ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
VL IN	
CHECKED BY	DATE
APPROVED BY	DATE
MATERIAL NO.	DOCUMENT NO.
SEE LEGEND	SDA-67068-****
SIZE	SHEET NO.
A3	4 OF 4

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	METRIC	
USB B TYPE CONNECTOR		
MOLEX INCORPORATED		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		