

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 :

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

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

METAL SHELL :

PURE TIN(Sn) , THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.

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

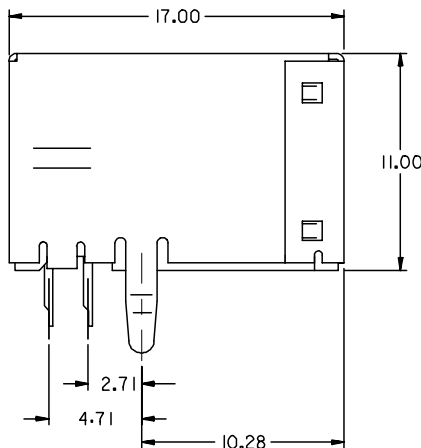
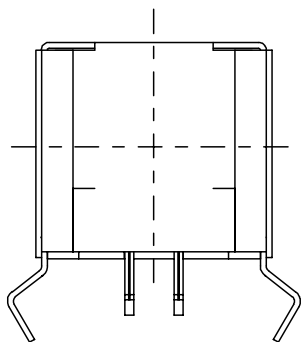
/1.27 MICROMETER MINIMUM.

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-

8 : BLACK HOUSING
9 : WHITE HOUSING

0 : TRAY PACKAGING
1 : TUBE PACKAGING

0

0 : GOLD FLASH
1 : 0.76 MICROMETER/30
MICROINCH GOLD

KINK TYPE BOARD LOCK

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

QUALITY SYMBOLS
▽=0
▽=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
DAVID HU	2004/11/05
CHECKED BY	DATE
HARVEY	2004/11/05
APPROVED BY	DATE

MATERIAL NO.

SEE NOTES

SCALE
4:1

DESIGN UNITS
METRIC

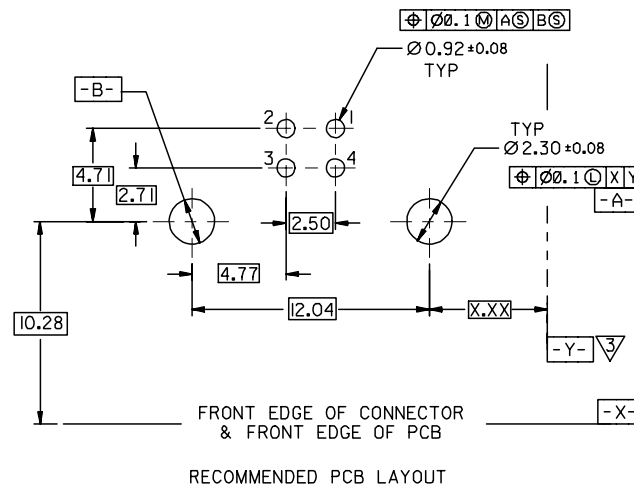
THIRD ANGLE
PROJECTION

USB B TYPE CONNECTOR
KINK TYPE BOARD LOCK
(LEAD-FREE)

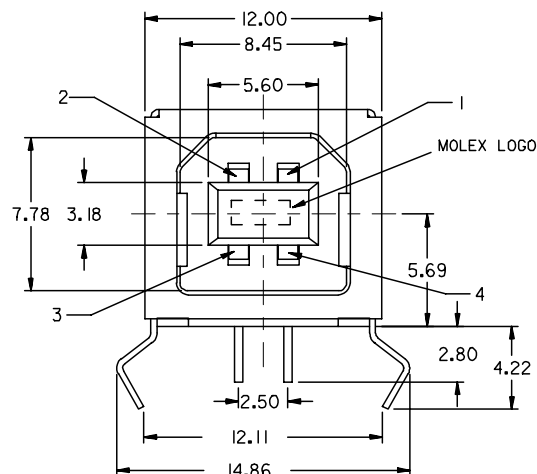
MOLEX INCORPORATED

DOCUMENT NO.
SD-67068-003

SHEET NO.
1 OF 4



RECOMMENDED PCB LAYOUT



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

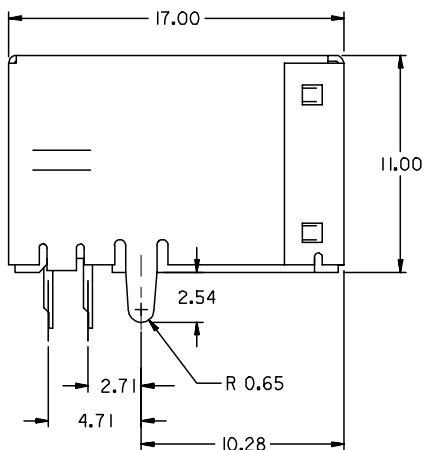
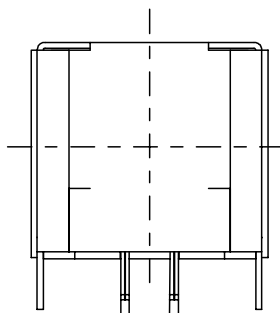
TERMINAL :
CONTACT AREA : (a) GOLD FLASH.
(b) GL0D (Au), THICKNESS = 30 MICROINCH MINIMUM.
/0.76 MICROMETER MINIMUM.

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

MOLEX ID OF MFG PLANT CODE



67068-

9 : WHITE HOUSING

1 : TUBE PACKAGING

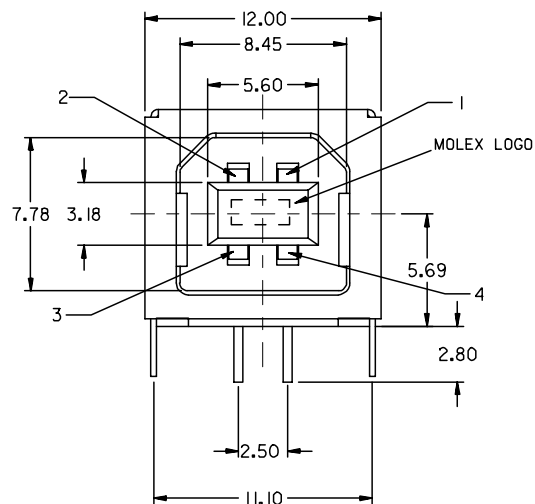
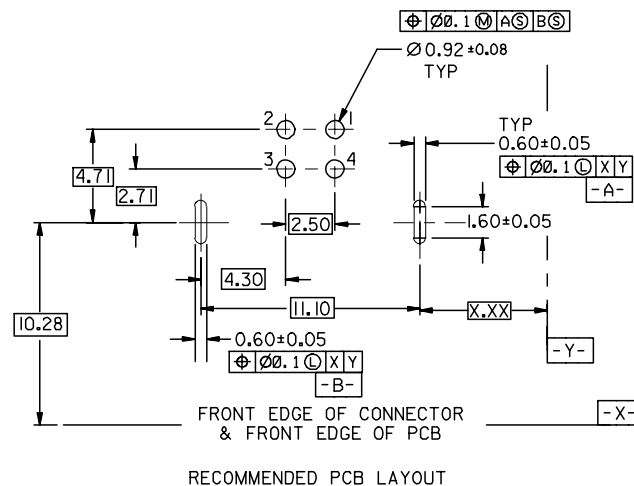
STRAIGHT TAB

NEW RELEASE	EC NO: SH2005-0142	DRWN: DAVID HU 2004/11/15	CHKD:HARVEY 2004/11/15	APPR:YIYAP 2004/11/15	QUALITY SYMBOLS  = 0  = 0
REV	DESCRIPTION				

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .---
2 PLACES	± 0.25	± .--- 200
1 PLACE	± 0.25	± .---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
DAVID HU	2004/11/05
CHECKED BY	DATE
4/11/05	2004/11/05
APPROVED BY	DATE
MATERIAL NO.	
SEE NOTES	
SIZE	THIS DRAWING CONT
A3	INCORPORATED AND

SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE USB B TYPE CONNECTOR WITH STRAIGHT TAB (LEAD-FREE)		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-67068-003		SHEET NO. 2
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



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 :

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/1.9 MICROMETER MINIMUM.

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/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.

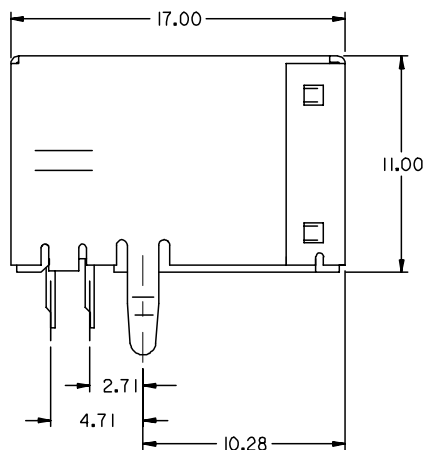
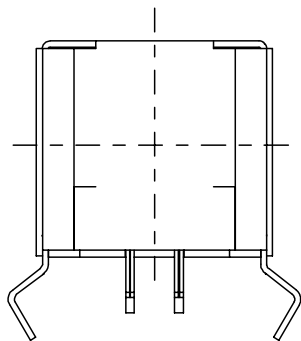
/1.27 MICROMETER MINIMUM.

▽ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

RECOMMENDED PCB THICKNESS : 1.60±0.05

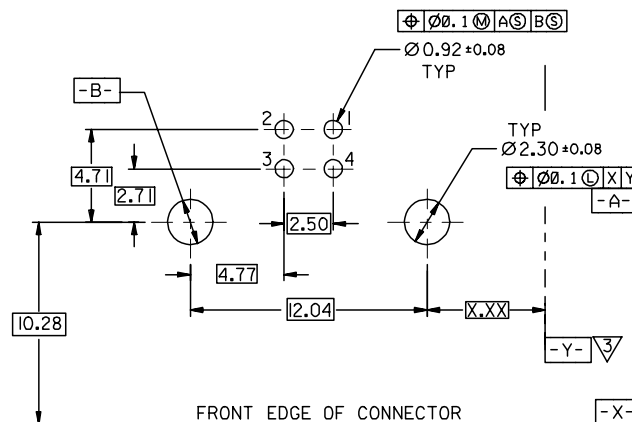
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



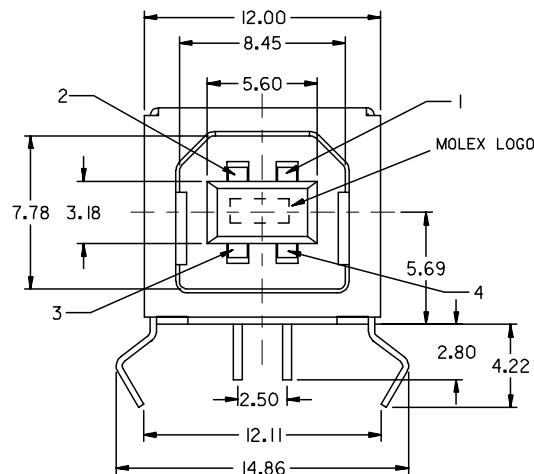
PART NUMBER LEGEND:

67068- 7041



FRONT EDGE OF CONNECTOR
& FRONT EDGE OF PCB

RECOMMENDED PCB LAYOUT



MOLEX LOGO

										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	REV A
A	NEW RELEASE FOR LEAD-FREE				DAVID HU	2004/11/5							
LTR	REVISION RECORD		ECN	DR	DATE	DRAWN BY 2004/11/5 DAVID HU		CHK'D BY		TITLE : HIGH TEMP.USB B TYPE CONNECTOR KINK TYPE BOARD LOCK (LEAD-FREE)			
REVISE ONLY ON CAD SYSTEM						APPR'D BY		SCALE 4 : 1					

DO NOT SCALE DRAWING