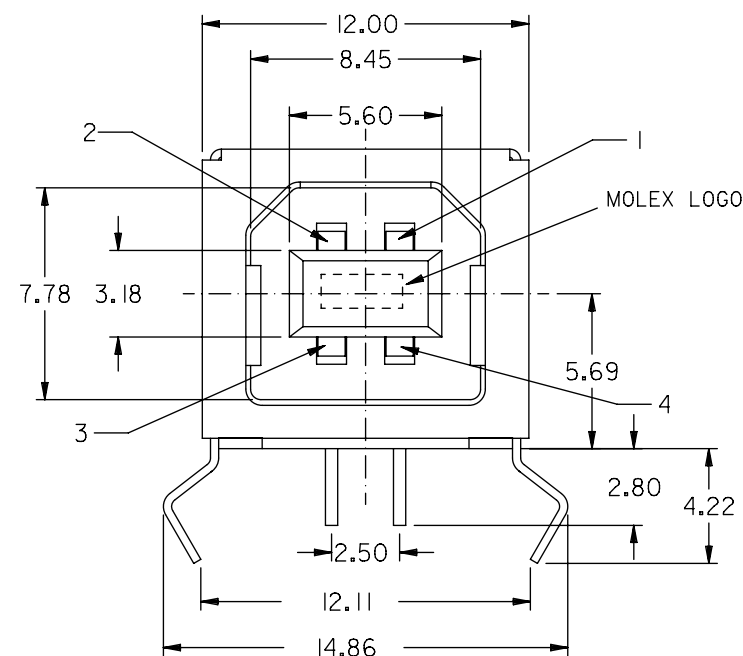


4.PRODUCT SPECIFICATION :REFER TO PS-67998-0000.

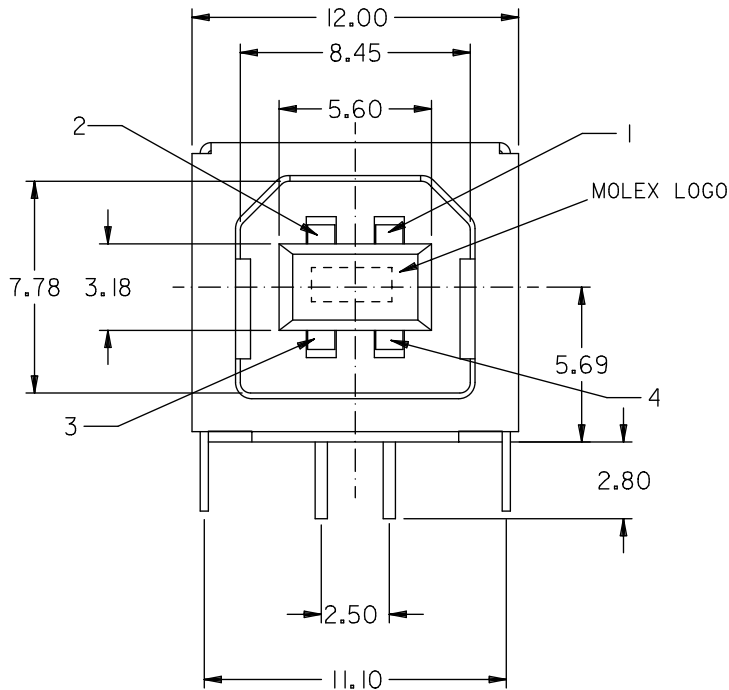
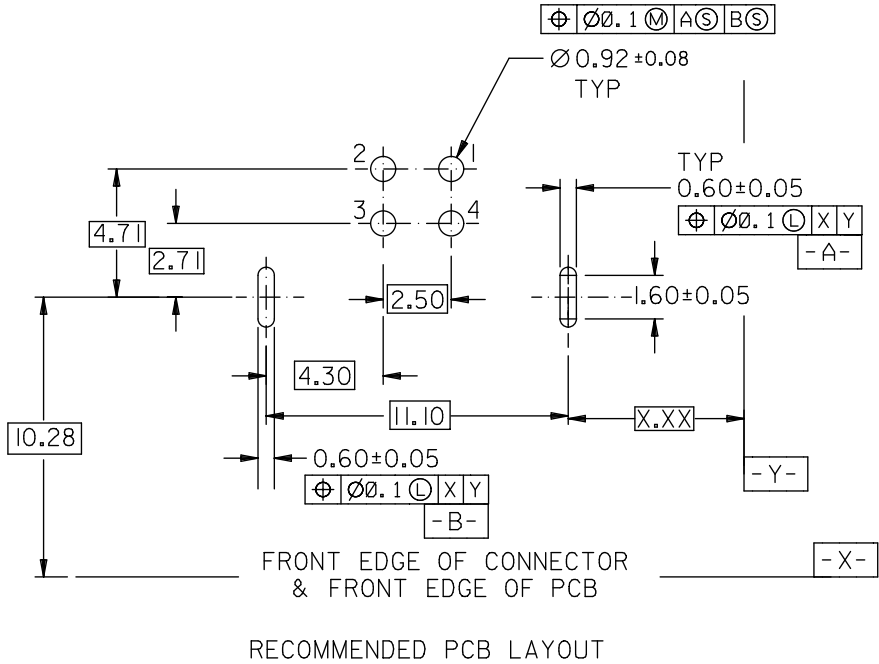
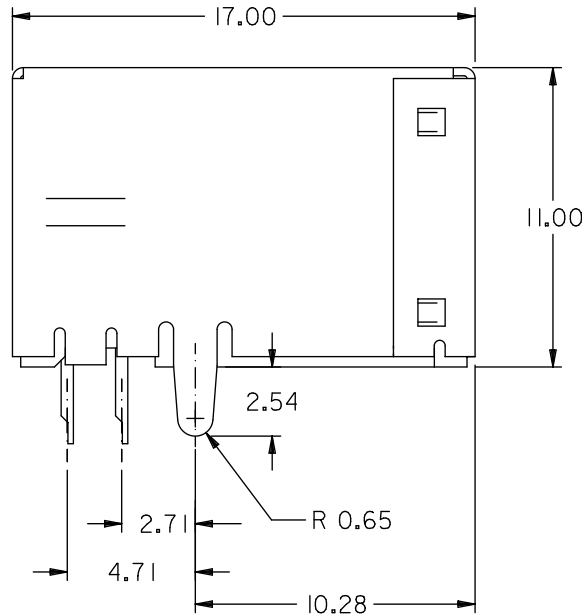
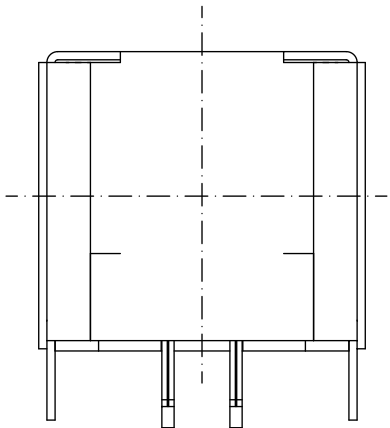
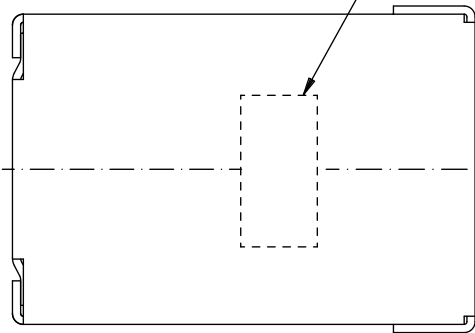


KINK TYPE BOARD LOCK

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

NOTES:
1.MATERIAL:
HOUSING:
(a) HIGH TEMP.NYLON ,GLASS FIBER FILLED ,UL 9 V-0,COLOR:BLACK.
(b)POLYESTER ,GLASS FIBER FILLED ,UL 94 V-0 ,COLOR:WHITE.
TERMINAL: PHOSPHOR BRONZE
METAL SHEEL:COPPER ALLOY
2. PLATING:
TERMINAL:
CONTACT AREA:
(c) GOLD FLASH.
(d)GOLD (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:
PLATING: OVERALL PLATE:NICKEL (Ni),ALL OVER SURFACE.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 : GOLD FLASH

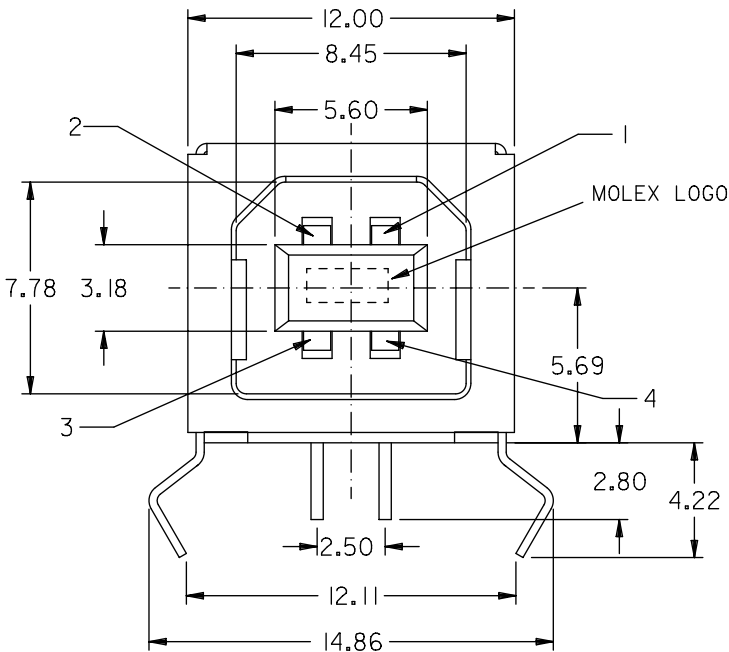
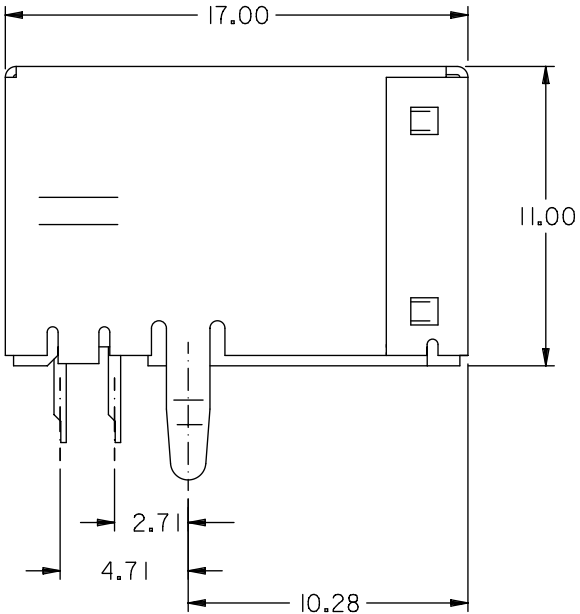
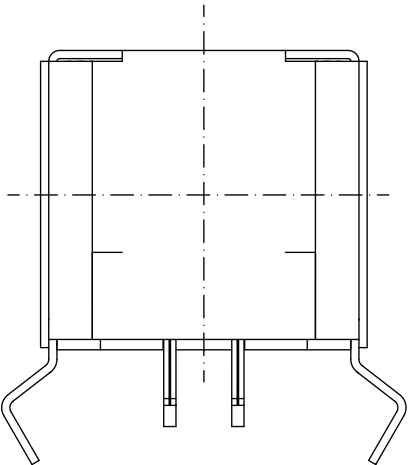
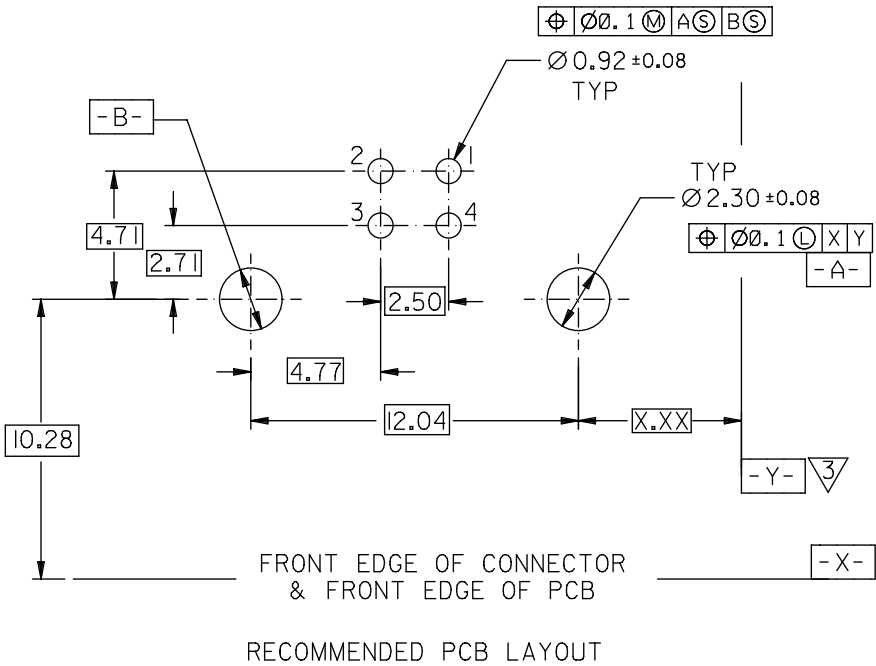
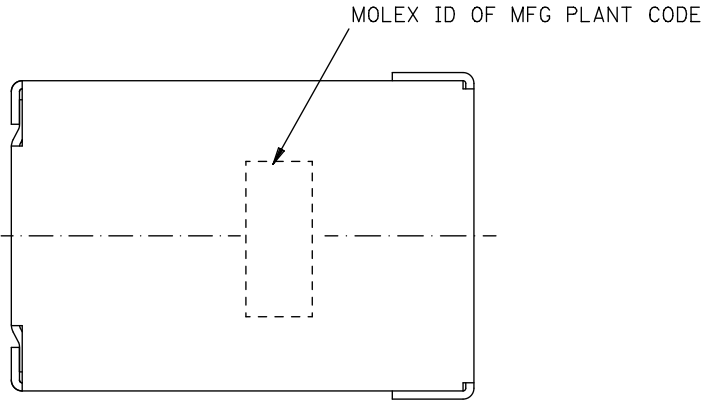
1 : 0.76 MICROMETER/30 MICROINCH GOLD

STRAIGHT TAB

	HOUSING COLOR	PLATING
67068-8010	(a)BLACK	(c)GOLD FLASH
67068-8011	(a)BLACK	(d)30MICROINCH GOLD
67068-9011	(b)WHITE	(d)30MICROINCH GOLD

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex USB B TYPE CONNECTOR KINK TYPE BOARDLOCK LEAD-FREE				
		mm	1:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL		± 3.0 °		EC NO: 802815 DRWN: KCHENG06 2024/09/02 CHK'D: HORACM1 2024/10/31 APPR: HORACM1 2024/10/31			PRODUCT CUSTOMER DRAWING				
4 PLACES		±										
3 PLACES		±										
DIVISIONAL SYMBOLS	2 PLACES		± 0.25		INITIAL REVISION: DRWN: DHU 2004/11/24 APPR: YTYAP 2004/10/25			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	1 PLACE		± 0.25					SD-67068-003		PSD	001	B
	0 PLACES		±									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
							B-SIZE	67068			GENERAL MARKET	2 OF 3

NOTES:
1.MATERIAL:
HOUSING:
(a) HIGH TEMP.NYLON ,GLASS FIBER FILLED ,UL 9 V-0,COLOR:BLACK.
(b)POLYESTER ,GLASS FIBER FILLED ,UL 94 V-0 ,COLOR:WHITE.
TERMINAL: PHOSPHOR BRONZE
METAL SHEEL:COPPER ALLOY
2. PLATING:
TERMINAL:
CONTACT AREA:
(c) GOLD FLASH.
(d)GOLD (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:
PLATING: OVERALL PLATE:NICKEL (Ni),ALL OVER SURFACE.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.



	HOUSING COLOR	PLATING
67068-7041	(a)BLACK	(d)30MICROINCH GOLD

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex USB B TYPE CONNECTOR KINK TYPE BOARDLOCK LEAD-FREE					
		mm		1:1		GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0° EC NO: 802815 DRWN: KCHENG06 2024/09/02 CHK'D: HORACM1 2024/10/31 APPR: HORACM1 2024/10/31									
DIVISIONAL SYMBOLS		4 PLACES		±										INITIAL REVISION: DRWN: DHU 2004/11/24 APPR: YTYAP 2004/11/25	
		3 PLACES		±						PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-67068-003 DOC TYPE PSD DOC PART 001 REVISION B					
		2 PLACES		± 0.25		SHEET NUMBER 3 OF 3									
		1 PLACE		± 0.25										GENERAL MARKET	
		0 PLACES		±						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER							
				B-SIZE		67068									

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.

METAL SHELL :

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

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

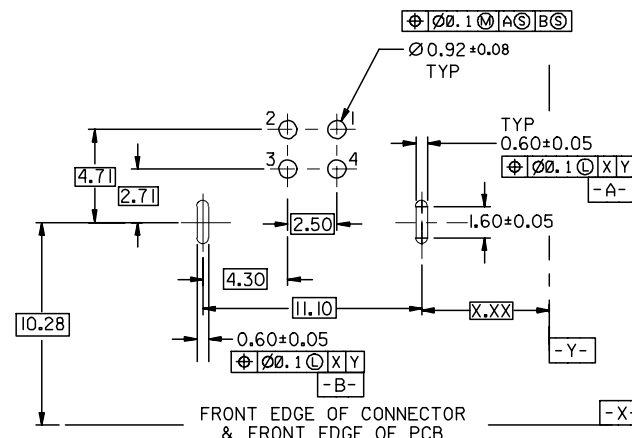
/1.27 MICROMETER MINIMUM.

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

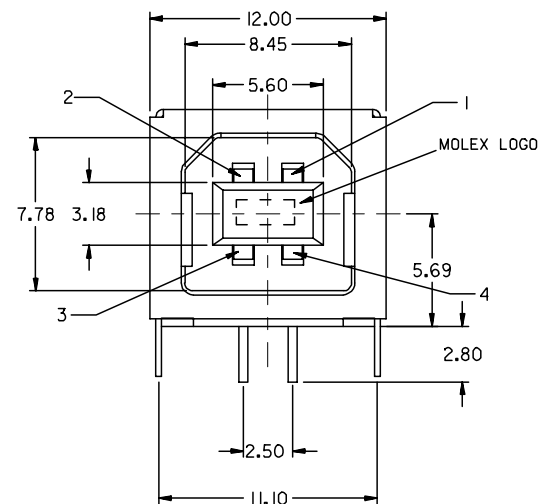
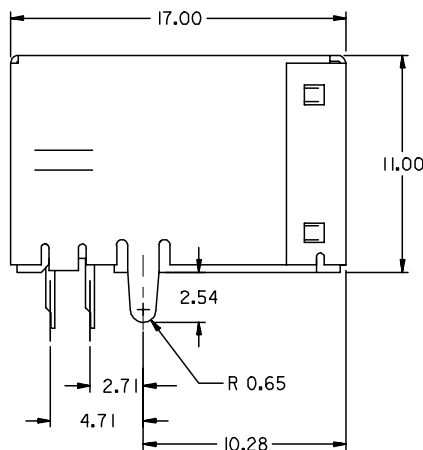
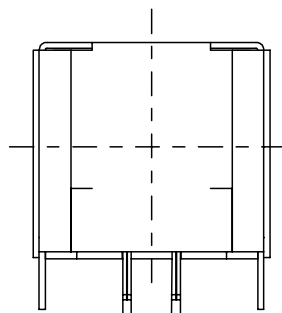
RECOMMENDED PCB THICKNESS : 1.60±0.05

4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



RECOMMENDED PCB LAYOUT



PART NUMBER LEGEND:

67068-

8 : BLACK HOUSING

9 : WHITE HOUSING

0 : TRAY PACKAGING

1 : TUBE PACKAGING

0 : GOLD FLASH

1 : 0.76 MICROMETER/30

MICROINCH GOLD

STRAIGHT TAB

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

QUALITY SYMBOLS
▽=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
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
	2004/11/05
APPROVED BY	DATE
MATERIAL NO.	
SEE NOTES	
SIZE	
A3	

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 DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND 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 :

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.

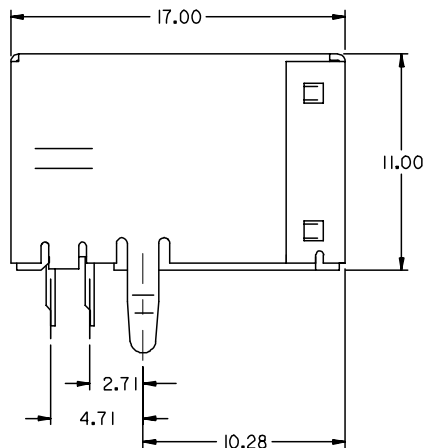
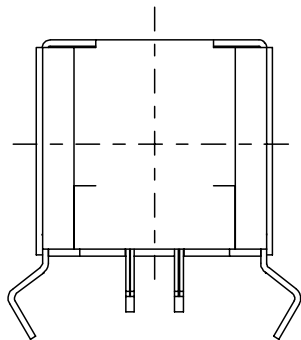
/1.27 MICROMETER MINIMUM.

DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

RECOMMENDED PCB THICKNESS : 1.60±0.05

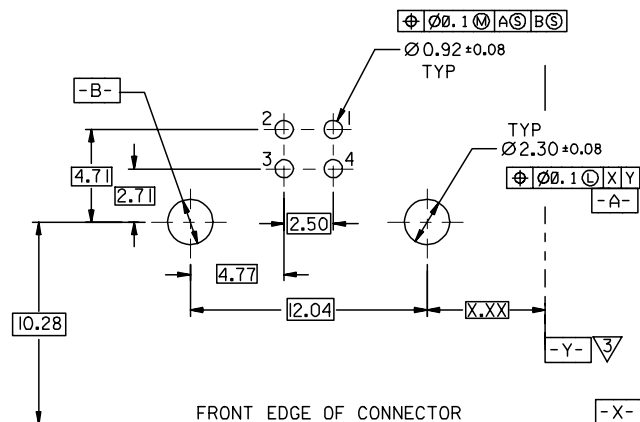
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE

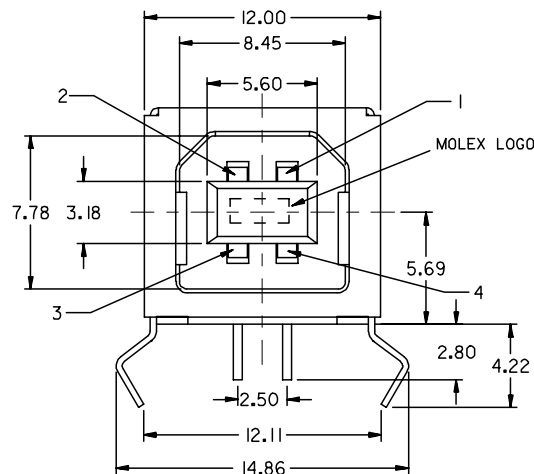


PART NUMBER LEGEND:

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 :			
						INS. RANGE :			
	A	NEW RELEASE FOR LEAD-FREE			DAVID HU	2004/11/5	ENG. NO.:	SD-67068-003	REV A
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		

ENG. NO.

EDP NO.

SIMILAR ITEM

CAD FILE :

DO NOT SCALE DRAWING

DO NOT SCALE DRAWING