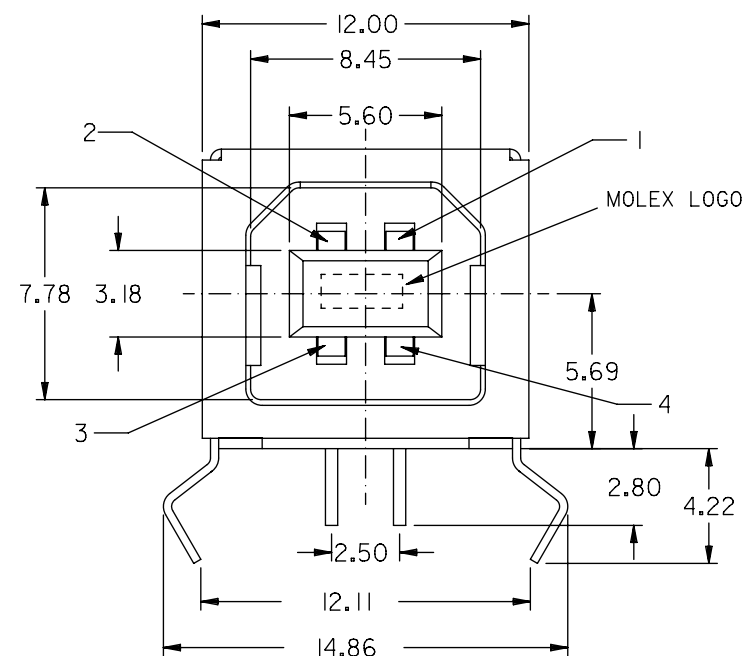
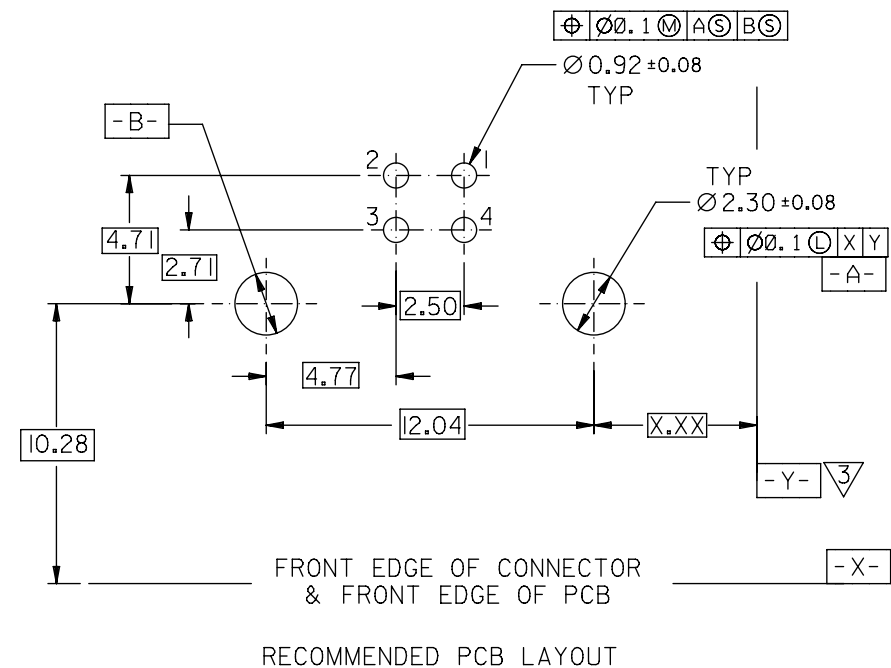
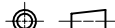


4.PRODUCT SPECIFICATION :REFER TO PS-67998-0000.



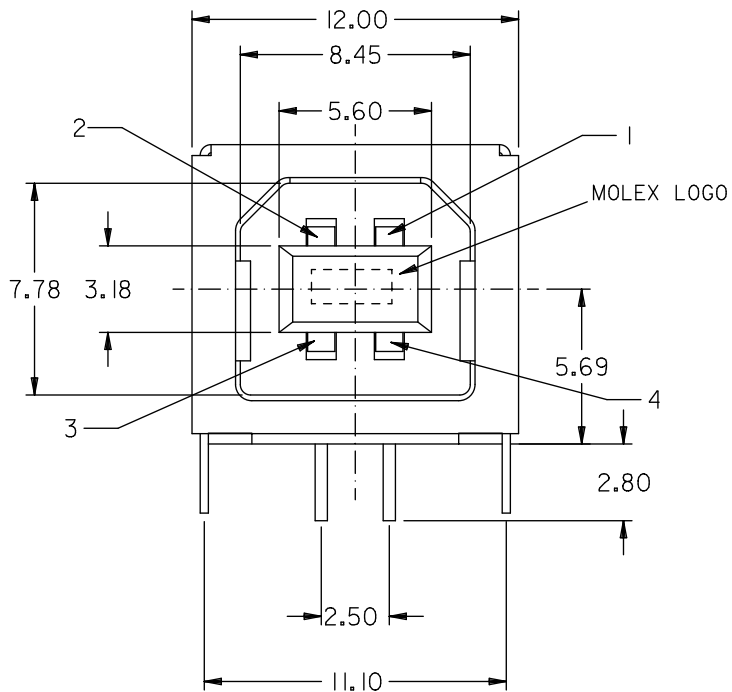
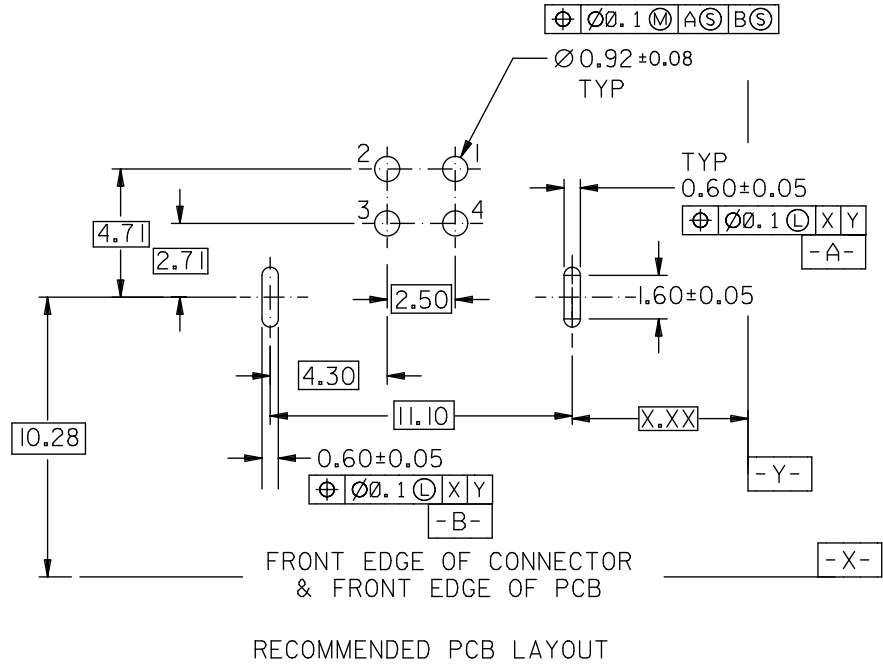
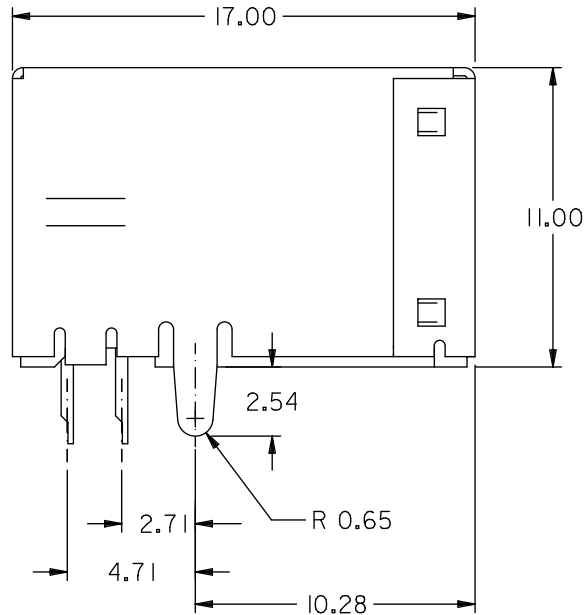
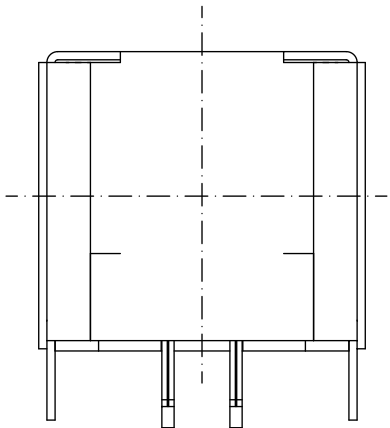
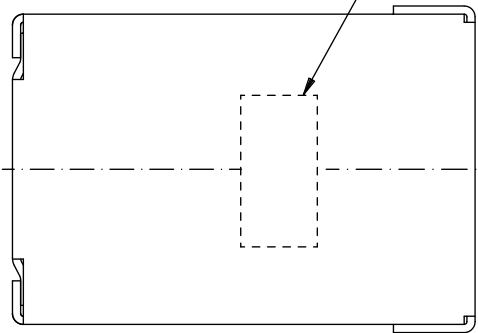
KINK TYPE BOARD LOCK

	HOUSING COLOR	PLATING
67068-8000	(a)BLACK	(c)GOLD FLASH
67068-8001	(a)BLACK	(d)30MICROINCH GOLD
67068-9000	(b)WHITE	(c)GOLD FLASH
67068-9001	(b)WHITE	(d)30MICROINCH GOLD

FUNCTIONAL SYMBOLS F_A = 0 F_C = 0 F_E = 0 DIVISIONAL 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			
		mm		1:1									
		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 802815 DRWN: KCHENG062024/09/02 CHK'D: HORACM12024/10/31 APPR: HORACM12024/10/31 INITIAL REVISION: DRWN: DHU2004/11/24 APPR: YTYAP2004/11/25				USB B TYPE CONNECTOR KINK TYPE BOARDLOCK LEAD-FREE			
		ANGULAR TOL ± 3.0 °											
4 PLACES		±		PRODUCT CUSTOMER DRAWING									
3 PLACES		±		DOCUMENT NUMBER						DOC TYPE		DOC PART	
2 PLACES		± 0.25		SD-67068-003		PSD		001		B			
1 PLACE		± 0.25		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES					
						A3-SIZE		67068					

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						
F A = 0	mm	1:1												
F B = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)													
F P = 0	ANGULAR TOL ± 3.0 °													
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 802815				2024/09/02 2024/10/31 2024/10/31							
	3 PLACES	±	DRWN: KCHENG06											
	2 PLACES	± 0.25	CHK'D: HORACM1											
	1 PLACE	± 0.25	APPR: HORACM1				2004/11/24 2004/11/25							
	0 PLACES	±	INITIAL REVISION:											
			DRWN: DHU											
		APPR: YTYAP												
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	

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.

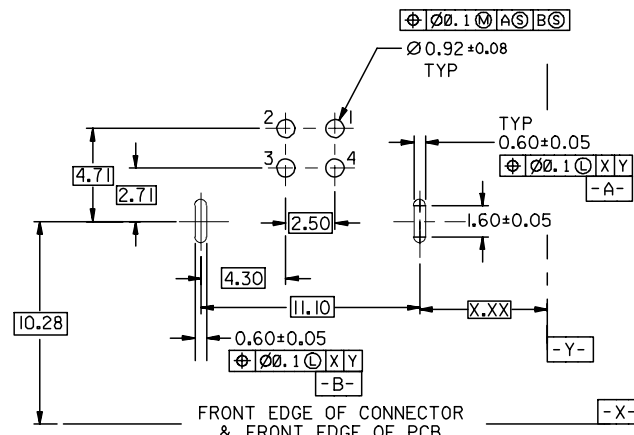
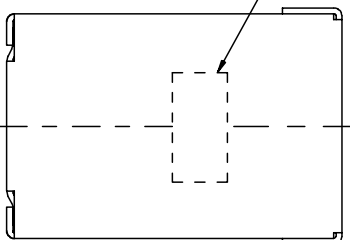
/1.27 MICROMETER MINIMUM.

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

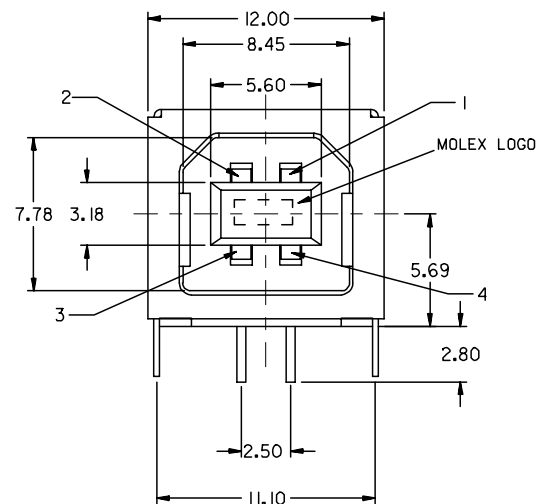
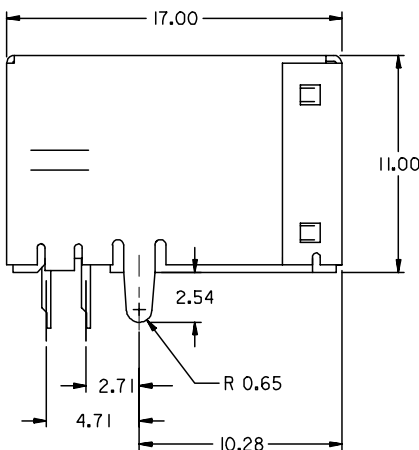
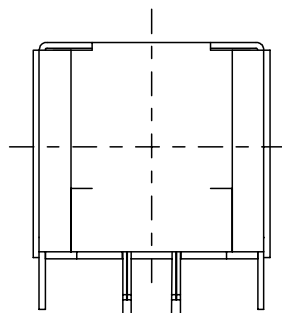
RECOMMENDED PCB THICKNESS : 1.60±0.05

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

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
	2004/11/05
APPROVED BY	DATE

MATERIAL NO.

SEE NOTES

SCALE
4:1

DESIGN UNITS
METRIC

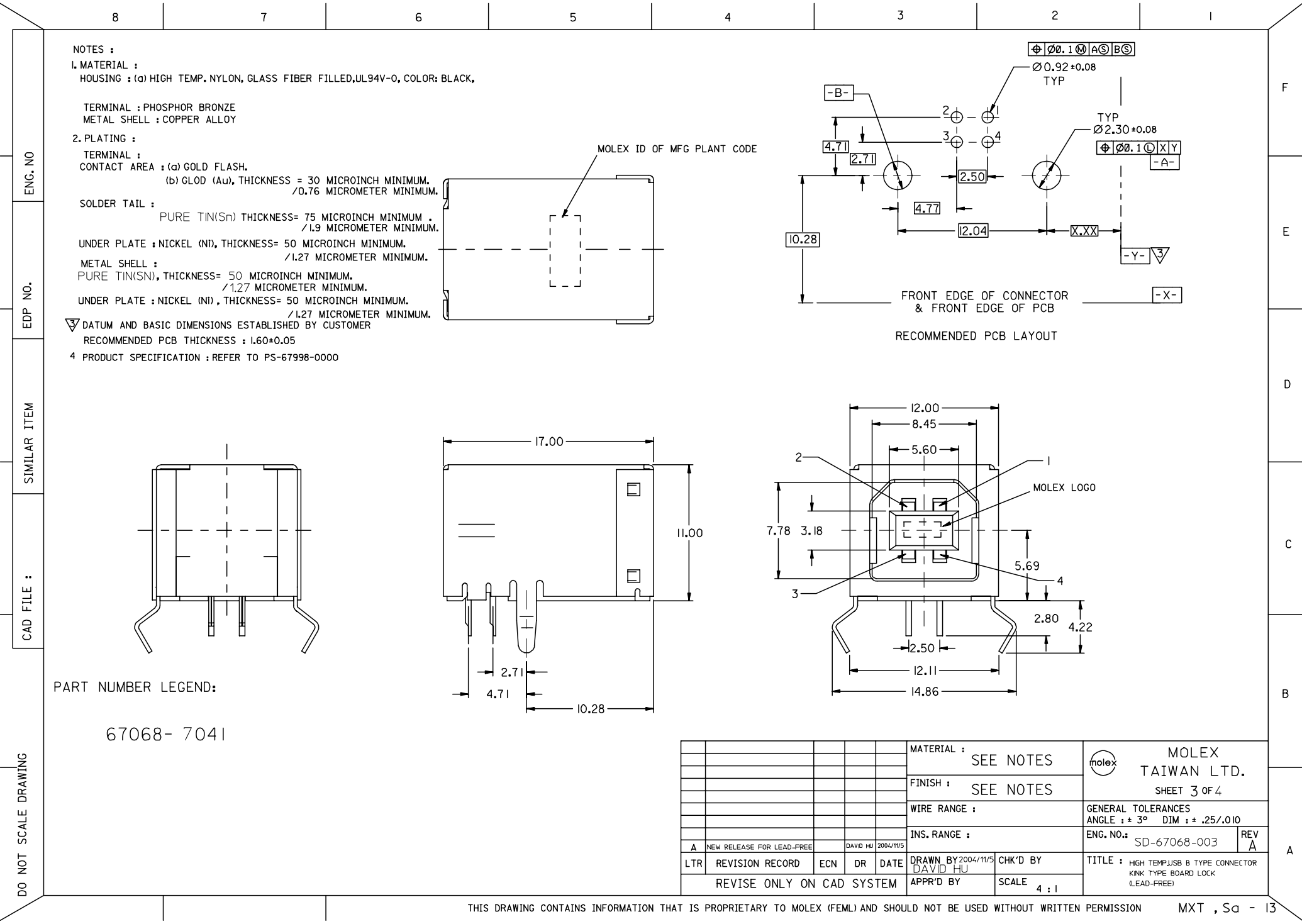
THIRD ANGLE
PROJECTION

TITLE
USB B TYPE CONNECTOR
WITH STRAIGHT TAB
(LEAD-FREE)

MOLEX INCORPORATED

DOCUMENT NO.
SD-67068-003

SHEET NO.
2



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.

3. 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:

67068-7041

						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			GENERAL TOLERANCES ANGLE : ± 3° DIM : ± .25/.010 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 SDA-67068-****

EDP NO.

SIMILAR ITEM

CAD FILE : S6706802

DO NOT SCALE DRAWING

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.

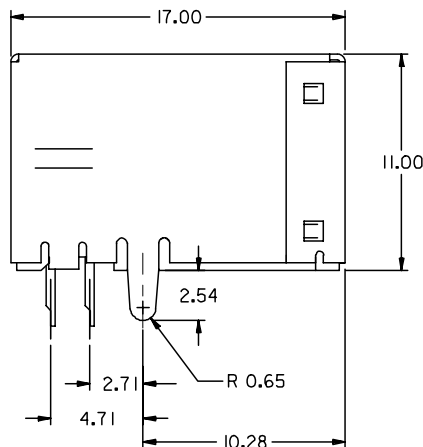
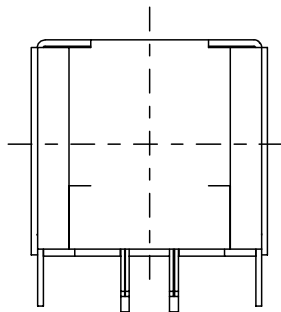
/1.27 MICROMETER MINIMUM.

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

RECOMMENDED PCB THICKNESS : 1.60±0.05

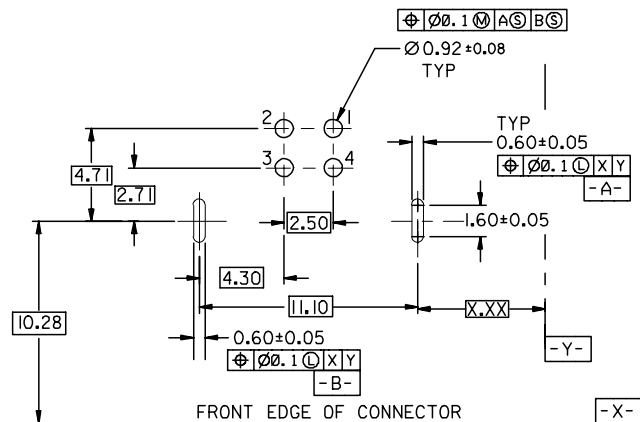
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



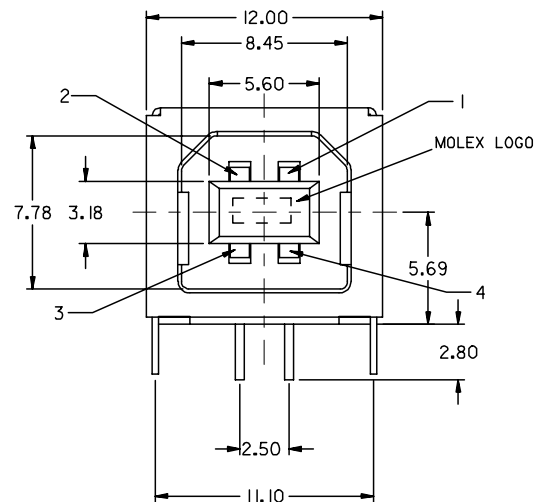
PART NUMBER LEGEND:

67068- 7051



FRONT EDGE OF CONNECTOR
& FRONT EDGE OF PCB

RECOMMENDED PCB LAYOUT



										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.:		
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 WITH STRAIGHT TAB (LEAD-FREE)			
REVISE ONLY ON CAD SYSTEM					APPR'D BY		SCALE 4 : 1					

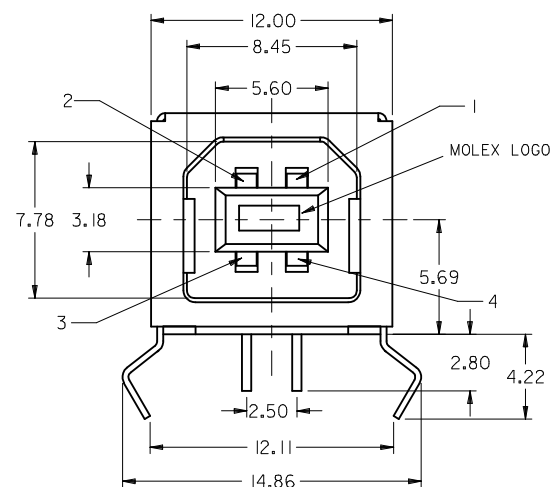
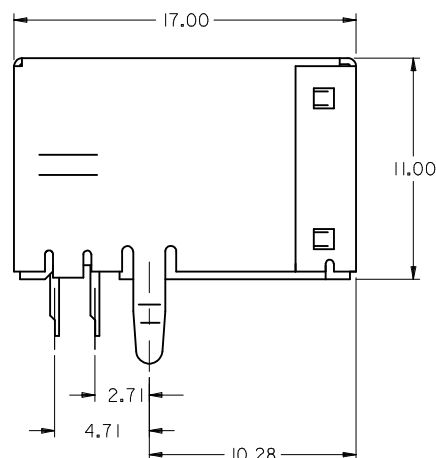
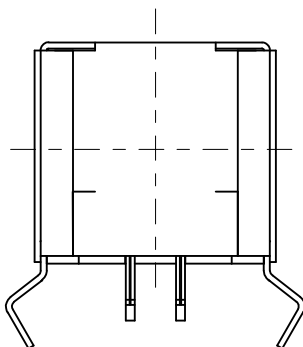
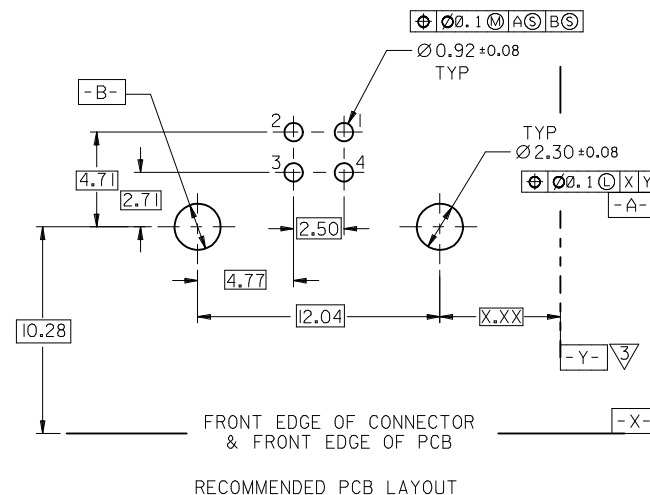
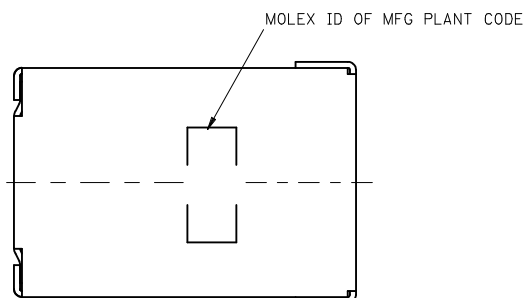
1.MATERIAL:
HOUSING:
(a)HIGH TEMP,NYLON,GLASS FIBRE FILLED,UL94V-0,COLOR: 8:BLACK
(b)POLYESTER(PBT),30% GLASS FIBER FILLED,UL94V-0,COLOR: 9:WHITE
TERMINAL: PHOSPHOR BRONZE
METAL SHELL: COPPER ALLOY

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



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	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
	2007/01/19		2007/01/19			MM ONLY		4:1	METRIC					
	DRWN:HYHE01		2007/01/19			mm	INCH	DRAWN BY	DATE	TITLE USB B TYPE CONNECTOR LEAD-FREE				
	CHKD: IWANG		2007/01/19			4 PLACES	±---	±---	DAVID HU					2004/11/05
	APPR: JINCHEN		2007/01/26			3 PLACES	±---	±---	CHECKED BY	DATE				
						2 PLACES	±.025	±.010	HARVEY	2004/11/05				
						1 PLACE	±.025	±.010	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED			
						ANGULAR ± 3 °								
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
									SEE NOTES		SD-67068-004		1 OF 1	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														