

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:

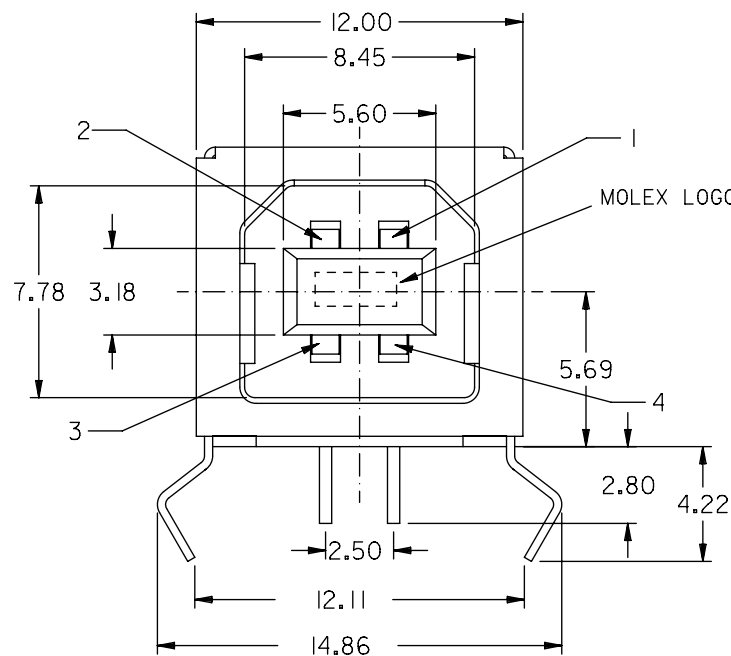
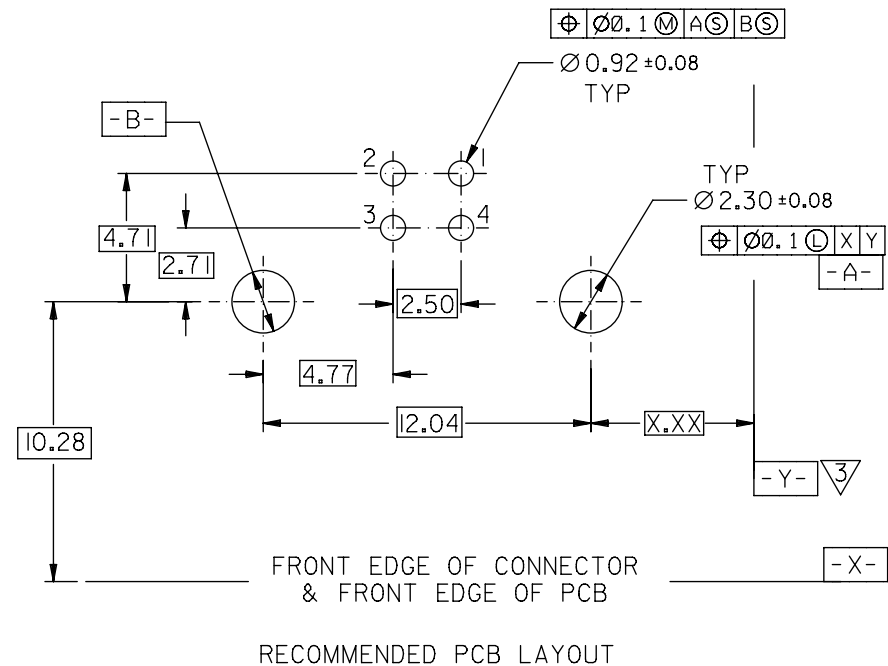
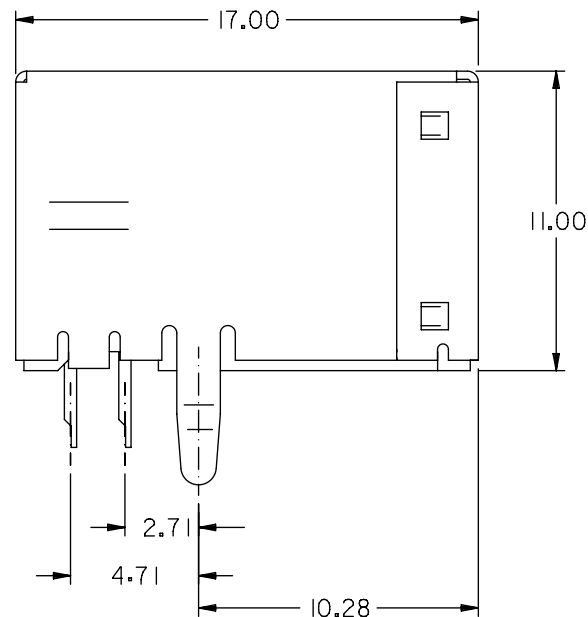
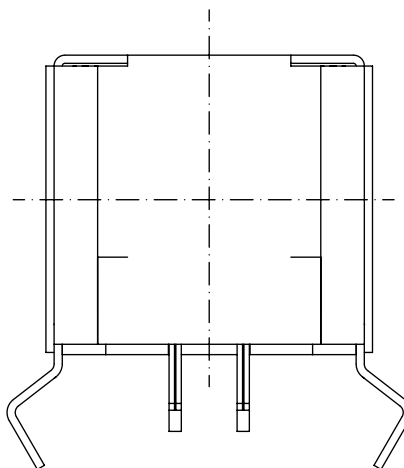
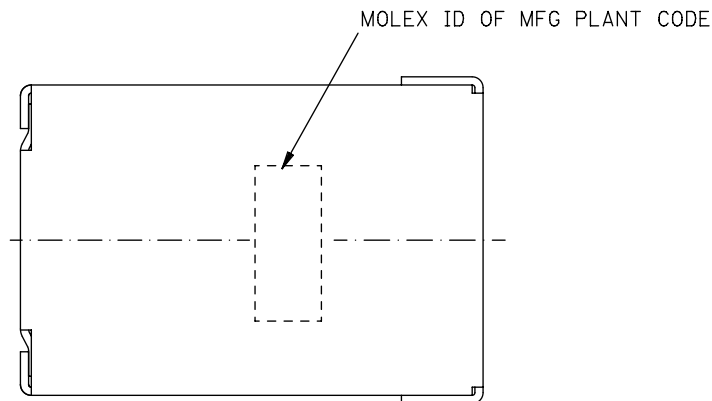
PLATING: OVERALL PLATE:NICKEL (Ni),ALL OVER SURFACE.THICKNESS :

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.



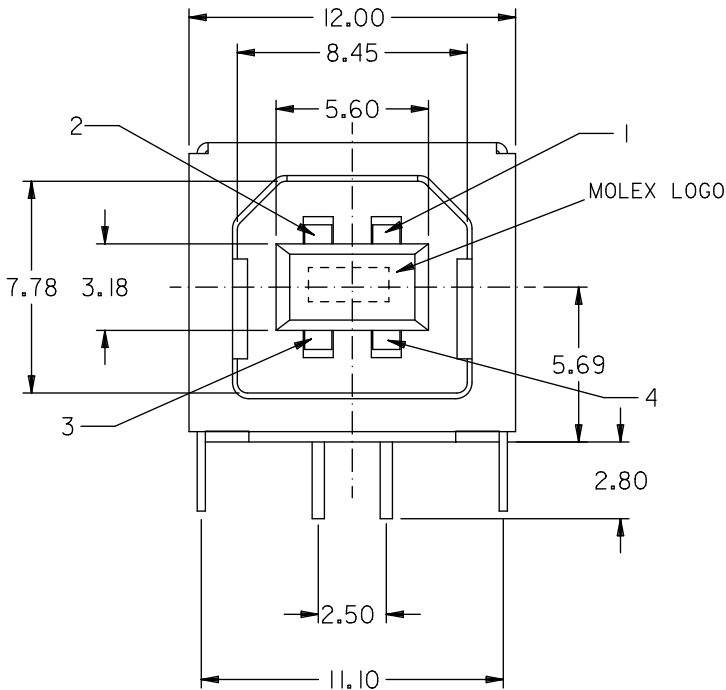
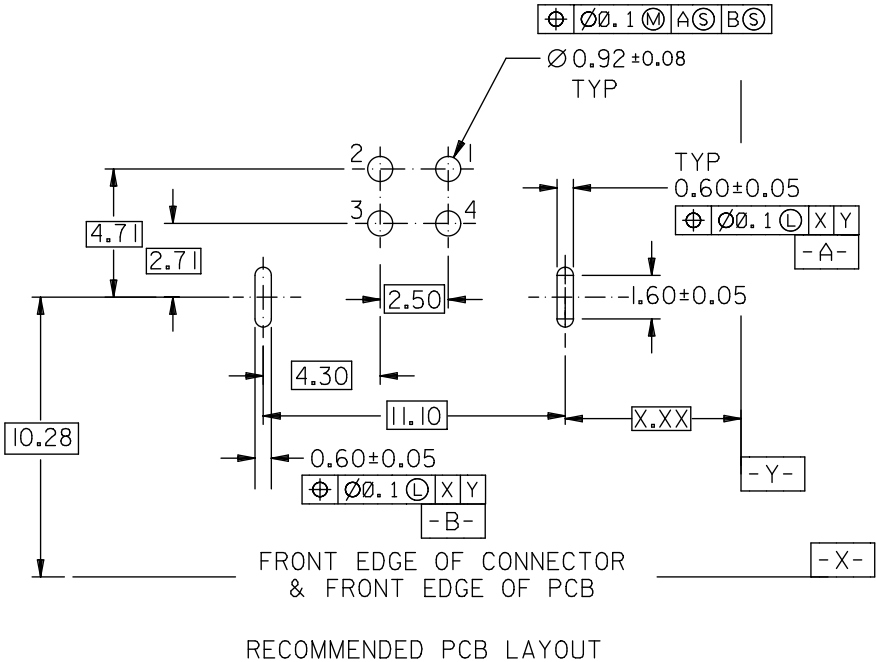
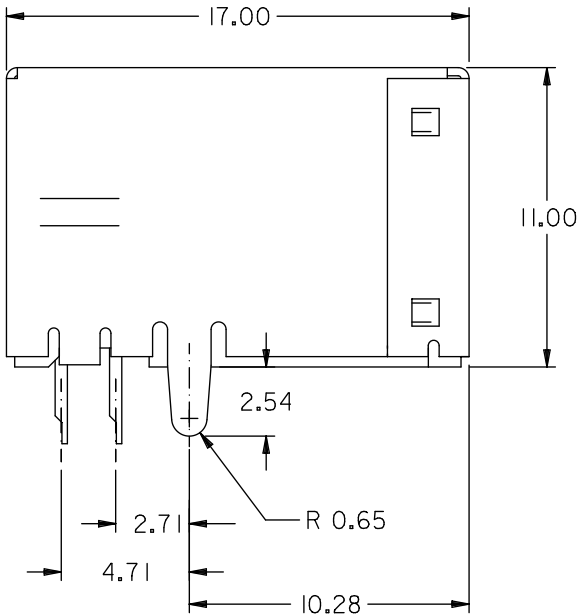
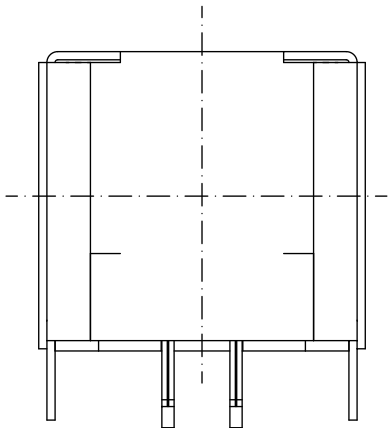
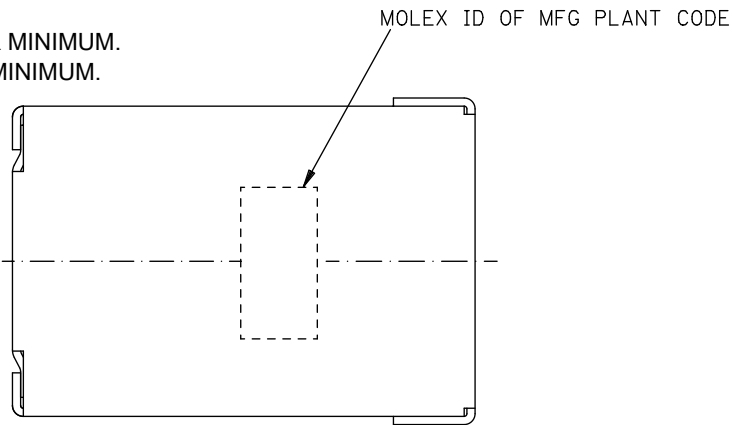
PART NUMBER LEGEND:

67068- * * 0 *
8: BLACK HOUSING
9: WHITE HOUSING
0 : TRAY PACKAGING
1 : TUBE PACKAGING
0 : GOLD FLASH
1 : 0.76 MICROMETER/30 MICROINCH GOLD
KINK TYPE BOARD LOCK

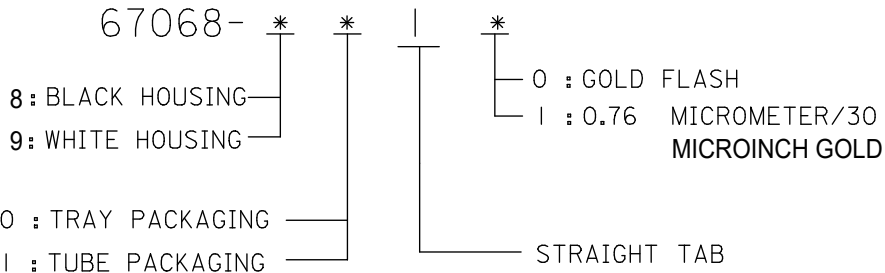
	HOUSING COLOR	PLATING
67068-8000	(a)BLACK	(c)GOLD FLASH
67068-8001	(a)BLACK	(d)30MICROINCH GOLD
67068-9000	(b)WHITE	(c)GOLD FLASH
67068-9001	(b)WHITE	(d)30MICROINCH GOLD

FUNCTIONAL SYMBOLS	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°															
	FA = 0	4 PLACES		±		EC NO: 802815				PRODUCT CUSTOMER DRAWING						
	FE = 0	3 PLACES		±		DRWN: KCHENG06 2024/09/02										
	FB = 0	2 PLACES		± 0.25		CHK'D: HORACM1 2024/10/31										
	DIVISIONAL SYMBOLS	1 PLACE		± 0.25		APPR: HORACM1 2024/10/31				DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION
		0 PLACES		±		INITIAL REVISION:				SD-67068-003				PSD	001	B
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A3-SIZE		67068				GENERAL MARKET		1 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.



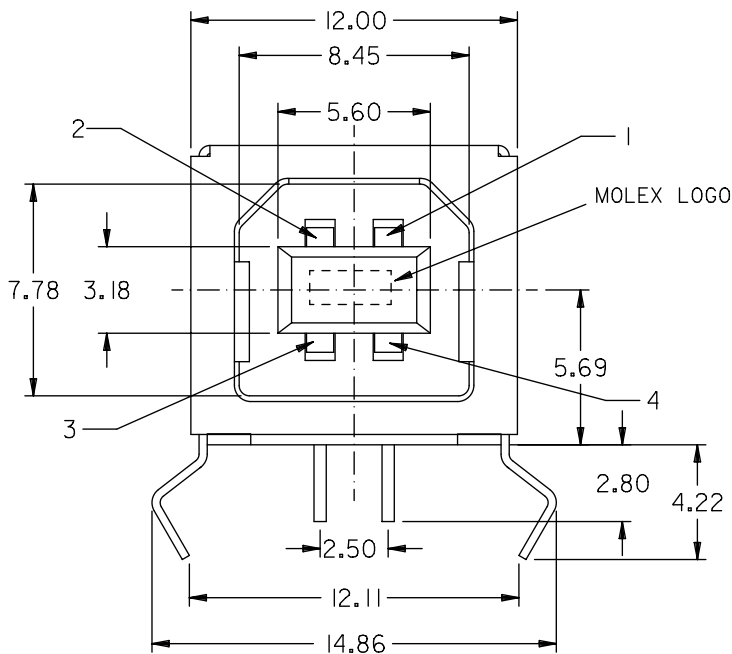
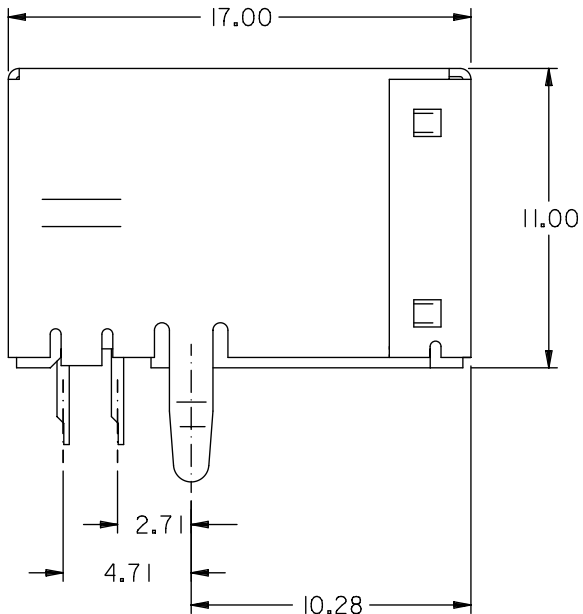
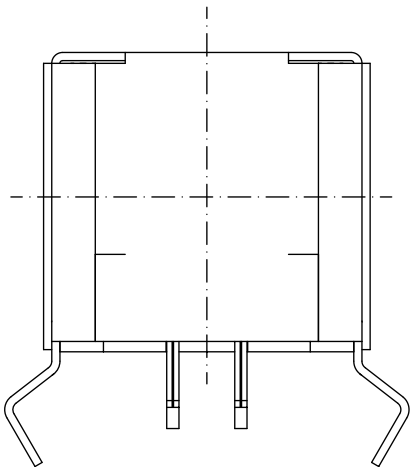
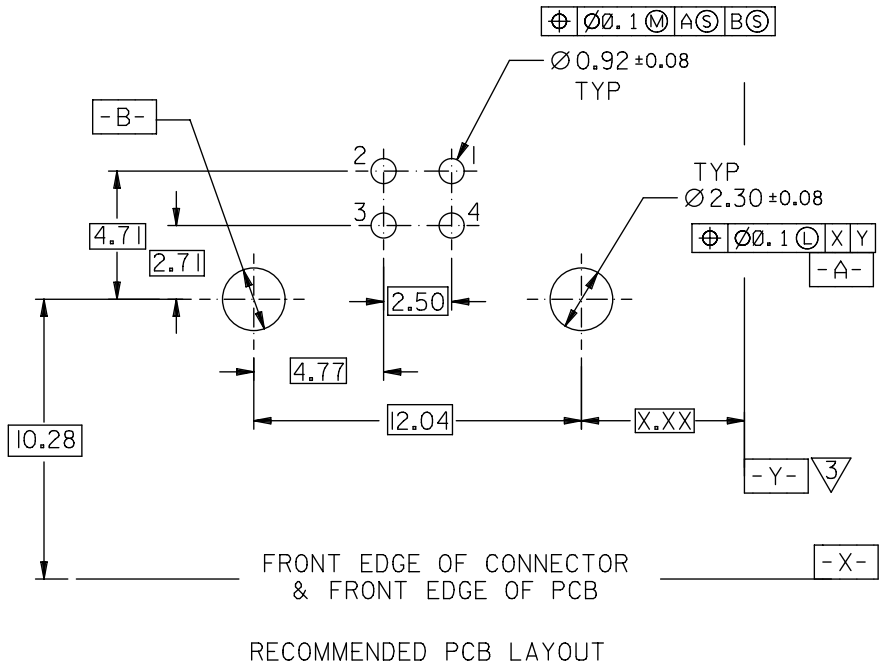
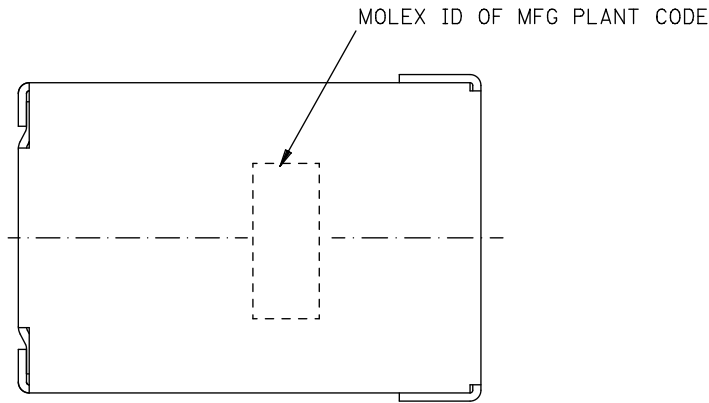
PART NUMBER LEGEND:



	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 °																	
	4 PLACES ±		EC NO: 802815			PRODUCT CUSTOMER DRAWING											
	3 PLACES ±		DRWN: KCHENG06 2024/09/02														
	2 PLACES ± 0.25		CHK'D: HORACM1 2024/10/31														
DIVISIONAL SYMBOLS	2 PLACES ± 0.25		APPR: HORACM1 2024/10/31			DOCUMENT NUMBER SD-67068-003 PSD 001 B											
	1 PLACE ± 0.25		INITIAL REVISION:							DOC TYPE		DOC PART		REVISION			
	0 PLACES ±		DRWN: DHU 2004/11/24							SD-67068-003		PSD		001		B	
			APPR: YTYAP 2004/11/25														
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

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)														
F A = 0	ANGULAR TOL		± 3.0 °		EC NO: 802815			PRODUCT CUSTOMER DRAWING							
F Z = 0	4 PLACES		±		DRWN: KCHENG06 2024/09/02										
F P = 0	3 PLACES		±		CHK'D: HORACM1 2024/10/31										
DIVISIONAL SYMBOLS	2 PLACES		± 0.25		APPR: HORACM1 2024/10/31			INITIAL REVISION:							
	1 PLACE		± 0.25		DRWN: DHU 2004/11/24										
	0 PLACES		±		APPR: YTYAP 2004/11/25										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES						
							B-SIZE		67068						
								DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
								SD-67068-003		PSD		001		B	
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
												GENERAL MARKET		3 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.

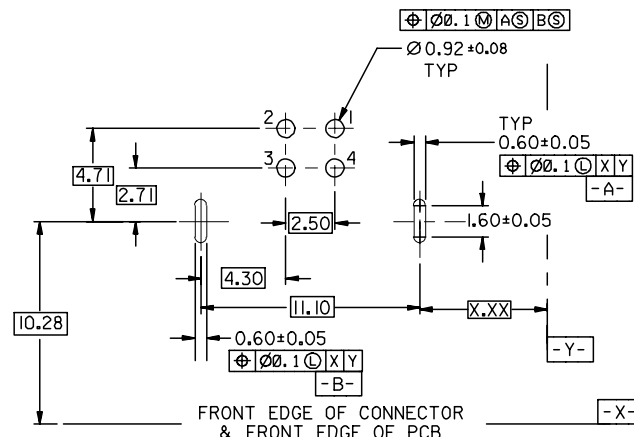
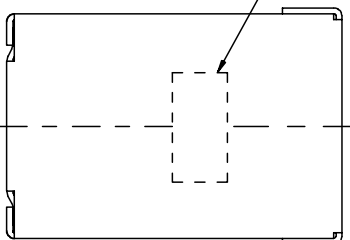
/1.27 MICROMETER MINIMUM.

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

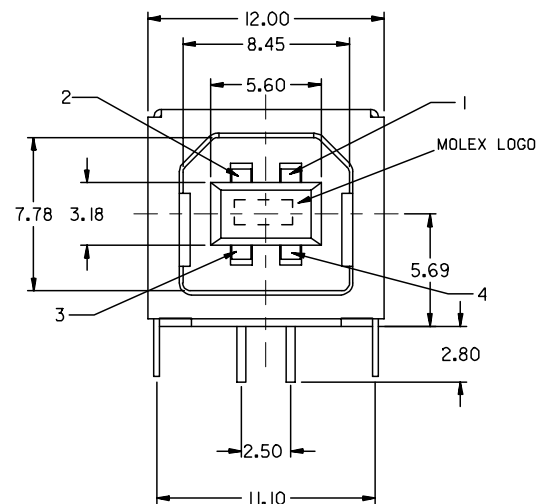
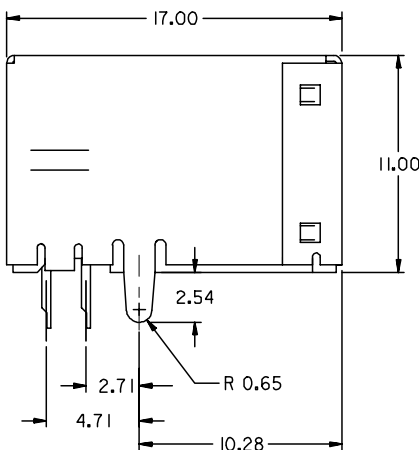
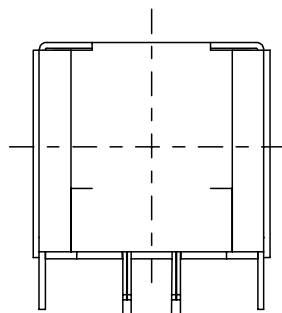
RECOMMENDED PCB THICKNESS : 1.60±0.05

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
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
	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

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

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.

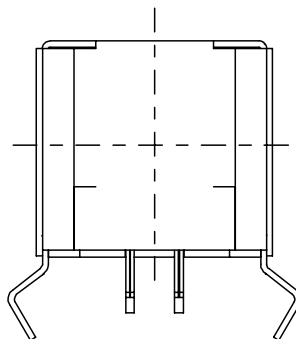
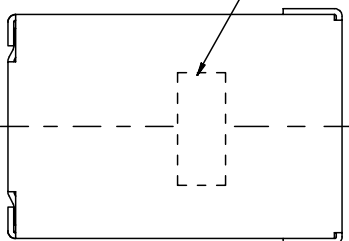
/1.27 MICROMETER MINIMUM.

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

RECOMMENDED PCB THICKNESS : 1.60±0.05

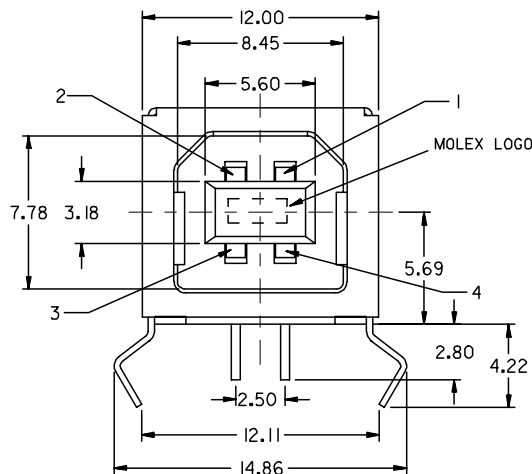
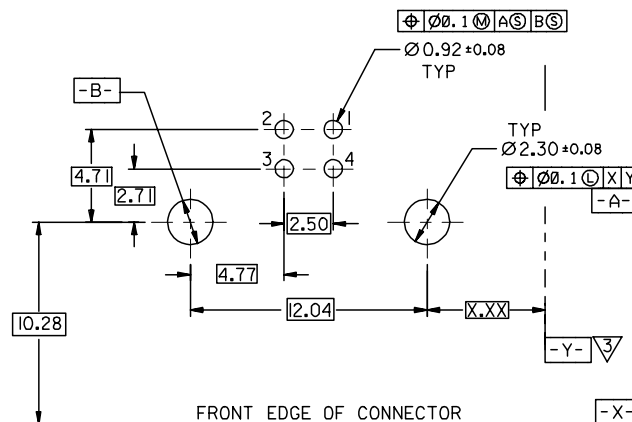
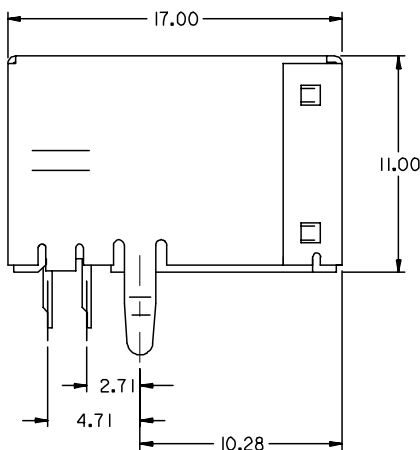
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



PART NUMBER LEGEND:

67068- 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 :		
	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 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.

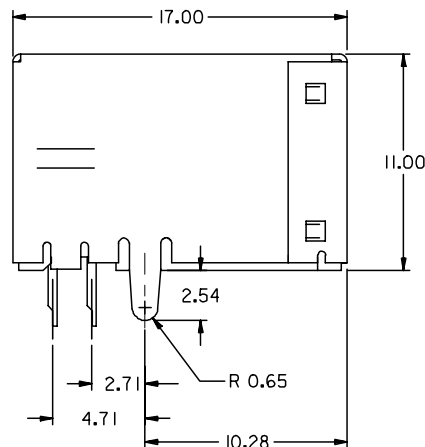
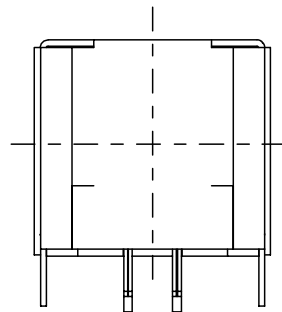
/1.27 MICROMETER MINIMUM.

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

RECOMMENDED PCB THICKNESS : 1.60±0.05

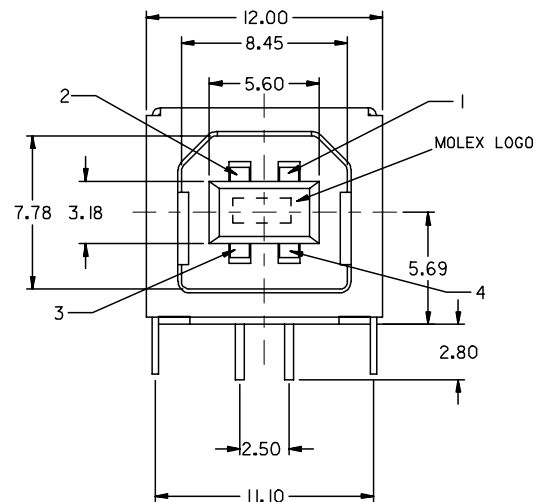
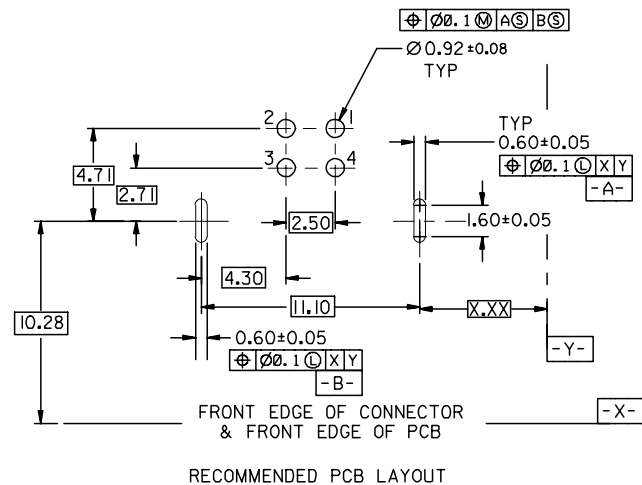
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

MOLEX ID OF MFG PLANT CODE



PART NUMBER LEGEND:

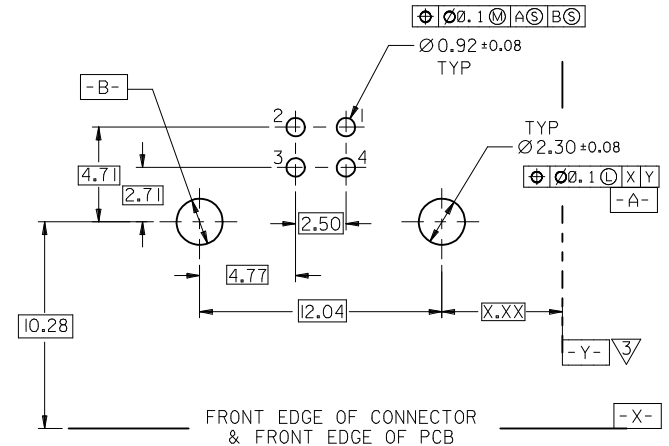
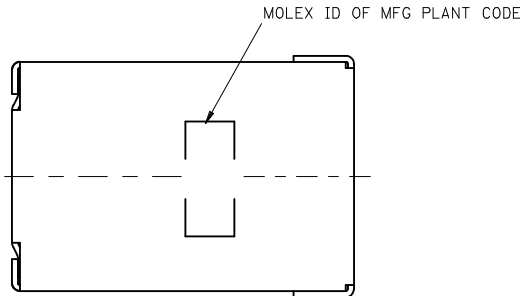
67068- 7051



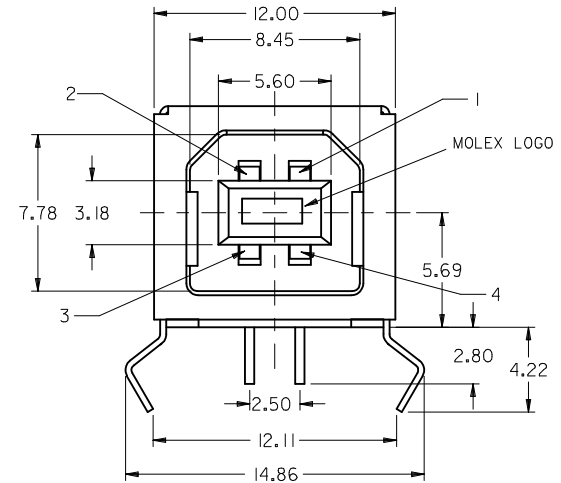
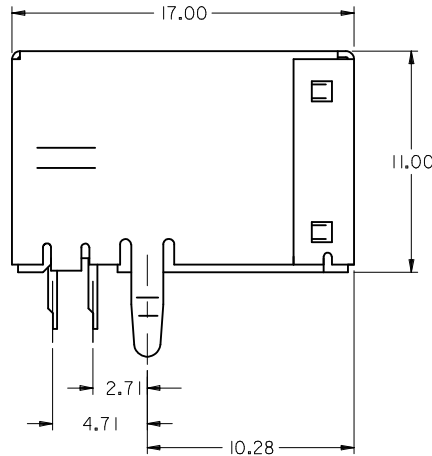
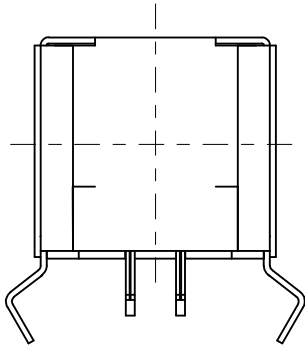
									MATERIAL : SEE NOTES	 MOLEX TAIWAN LTD. SHEET 4 OF 4	
									FINISH : SEE NOTES		
									WIRE RANGE :		
									INS. RANGE :		
A	NEW RELEASE FOR LEAD-FREE				DAVID HU	2002/11/5			ENG. NO.:	SD-67068-003	REV A
LTR	REVISION RECORD	ECN	DR	DATE	DRAWN BY 2004/11/5 DAVID HU		CHK'D BY			TITLE : HIGH TEMP./USB B TYPE CONNECTOR WITH STRAIGHT TAB (LEAD-FREE)	
REVISE ONLY ON CAD SYSTEM					APPR'D BY		SCALE 4 : 1				

NOTES:
1.MATERIAL:
HOUSING:
(d)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



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	2007/01/19	2007/01/26	DESCRIPTION
B	DRW:HYE01	CH'KD: IWANG	APPR: JNCHEN	REV	

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽=0	mm INCH
▽=0	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.	
SEE NOTES	SD-67068-004	1 OF 1	

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