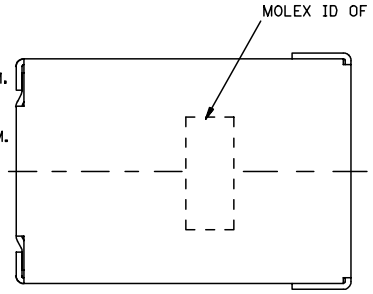
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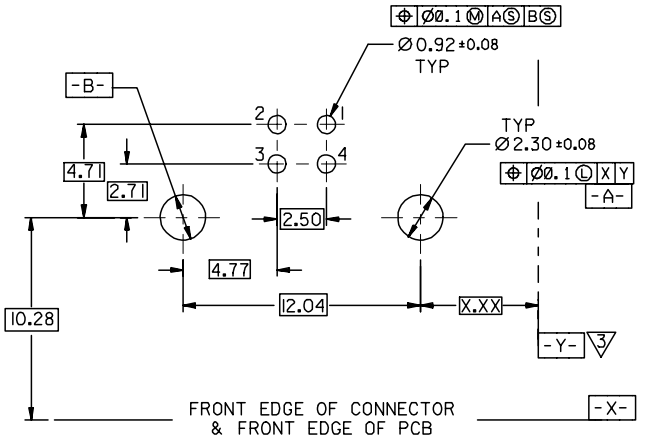
1. MATERIAL :
   HOUSING : (a) HIGH TEMP. NYLON ,GLASS FIBER FILLED,UL94V-0, COLOR: BLACK,
   (b) POLYESTER , GLASS FIBER FILLED,UL94V-0, COLOR: WHITE,
   TERMINAL : PHOSPHOR BRONZE
   METAL SHELL : COPPER ALLOY

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.
   /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.

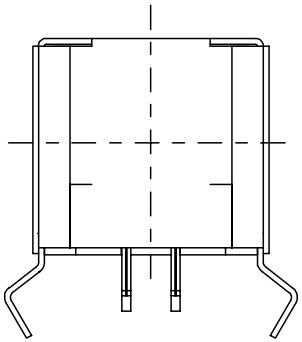
3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
   RECOMMENDED PCB THICKNESS : 1.60±0.05

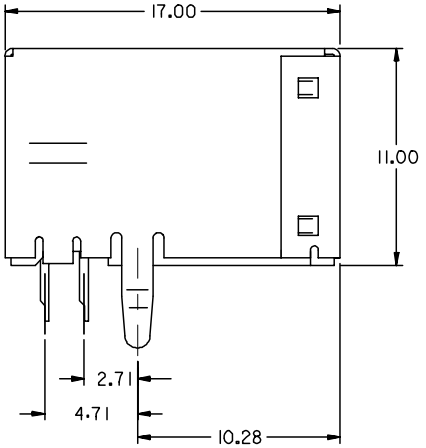
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

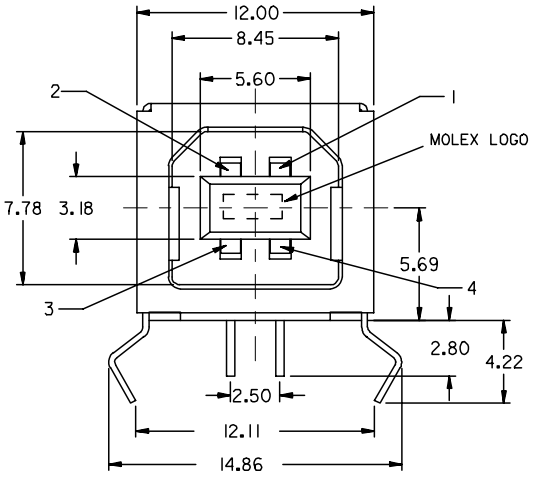




RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- * * 0 *

8 : BLACK HOUSING
9 : WHITE HOUSING

0 : TRAY PACKAGING
1 : TUBE PACKAGING

KINK TYPE BOARD LOCK

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

REV	DESCRIPTION	DRWN	CH'KD	APPR	EC NO
A	NEW RELEADE	DAVID HU 2004/11/5	HARVEY 2004/11/25	YTYAP 2004/11/25	SH2005-0142

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
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	DAVID HU
DATE	2004/11/05
CHECKED BY	HARVEY
DATE	2004/11/05
APPROVED BY	
DATE	
MATERIAL NO.	SEE NOTES
TITLE	USB B TYPE CONNECTOR KINK TYPE BOARD LOCK (LEAD-FREE)
	MOLEX INCORPORATED
DOCUMENT NO.	SD-67068-003
SHEET NO.	1 OF 4
SIZE	A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

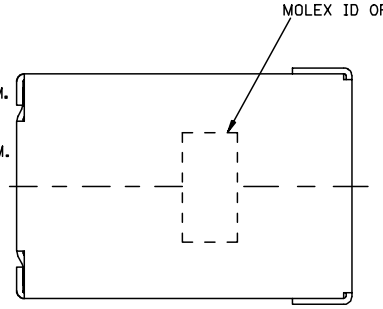
NOTES :

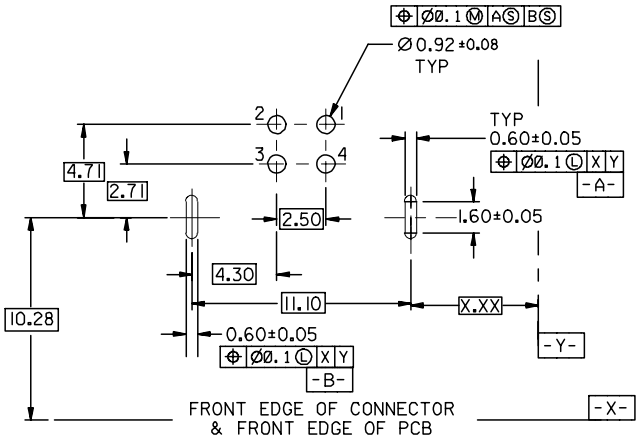
1. MATERIAL :
   HOUSING : (a) HIGH TEMP. NYLON, GLASS FIBER FILLED,UL94V-0, COLOR: BLACK,
   (b) POLYESTER , GLASS FIBER FILLED,UL94V-0, COLOR: WHITE,
   TERMINAL : PHOSPHOR BRONZE
   METAL SHELL : COPPER ALLOY

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.
   /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.

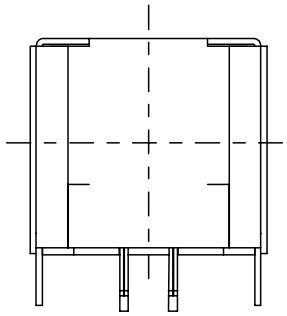
3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
   RECOMMENDED PCB THICKNESS : 1.60±0.05

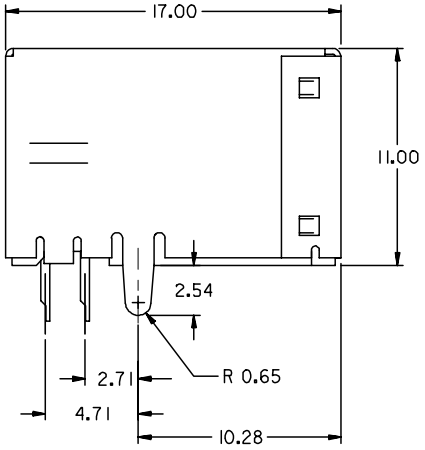
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

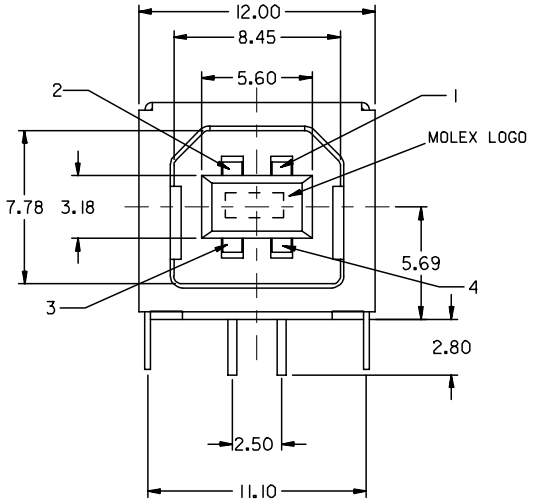




RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- * * I *

8 : BLACK HOUSING
9 : WHITE HOUSING

0 : TRAY PACKAGING
I : TUBE PACKAGING

STRAIGHT TAB

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

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

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
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: DAVID HU DATE: 2004/11/05
CHECKED BY: DATE: 2004/11/05
APPROVED BY: DATE:
MATERIAL NO.: SEE NOTES

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

MOLEX INCORPORATED

DOCUMENT NO.: SD-67068-003
SHEET NO.: 2

SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

NOTES :

1. MATERIAL :
   HOUSING : (a) HIGH TEMP. NYLON, GLASS FIBER FILLED,UL94V-0, COLOR: BLACK,

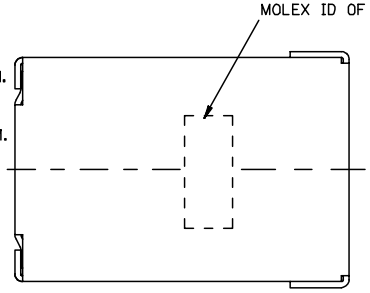
   TERMINAL : PHOSPHOR BRONZE
   METAL SHELL : COPPER ALLOY

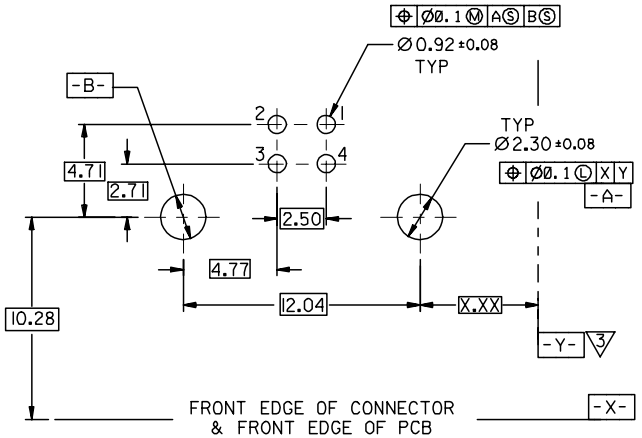
2. PLATING :
   TERMINAL :
   CONTACT AREA : (a) GOLD FLASH.
   (b) GLOD (Au), THICKNESS = 30 MICROINCH MINIMUM.
   /0.76 MICROMETER MINIMUM.
   SOLDER TAIL :
   PURE TIN(Sn) THICKNESS= 75 MICROINCH MINIMUM .
   /1.9 MICROMETER MINIMUM.
   UNDER PLATE : NICKEL (NI), THICKNESS= 50 MICROINCH MINIMUM.
   /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

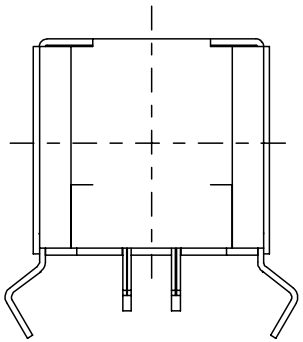
RECOMMENDED PCB THICKNESS : 1.60±0.05

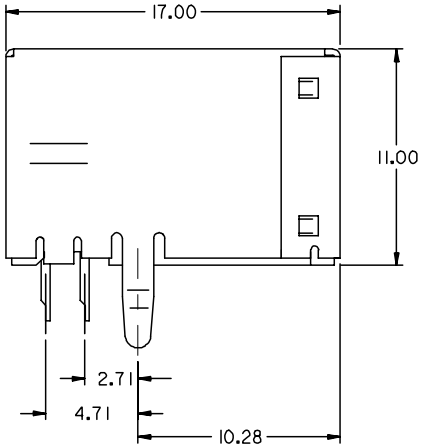
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

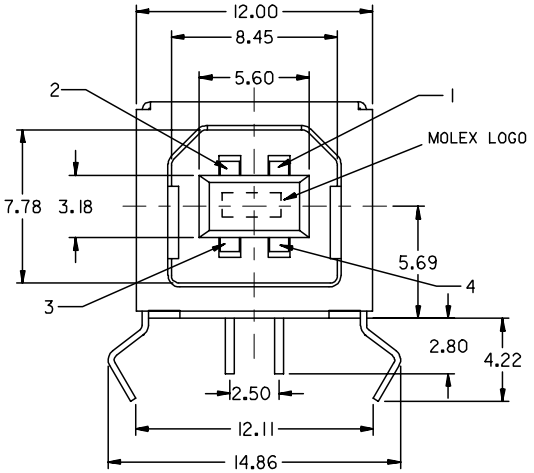




RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- 7041

LTR	REVISION RECORD	ECN	DR	DATE
A	NEW RELEASE FOR LEAD-FREE		DAVID HU	2004/11/5

REVISE ONLY ON CAD SYSTEM

MATERIAL :	SEE NOTES
FINISH :	SEE NOTES
WIRE RANGE :	
INS. RANGE :	
DRAWN BY	2004/11/5 DAVID HU
CHK'D BY	
APPR'D BY	
SCALE	4 : 1

MOLEX TAIWAN LTD.
SHEET 3 OF 4

GENERAL TOLERANCES
ANGLE : ± 3° DIM : ± .25/.010

ENG. NO.: SD-67068-003 REV A

TITLE : HIGH TEMP,USB B TYPE CONNECTOR KINK TYPE BOARD LOCK (LEAD-FREE)

ENG. NO | EDP NO. | SIMILAR ITEM | CAD FILE : | DO NOT SCALE DRAWING

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX (FEML) AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

MXT , Sa - 13

ENG. NO SDA-67068-****

EDP NO.

SIMILAR ITEM

CAD FILE : S6706802

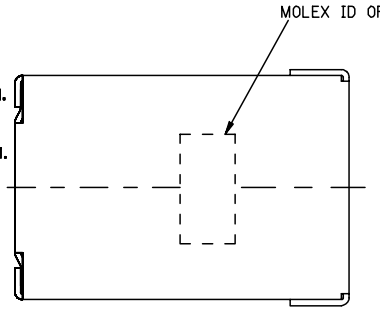
DO NOT SCALE DRAWING

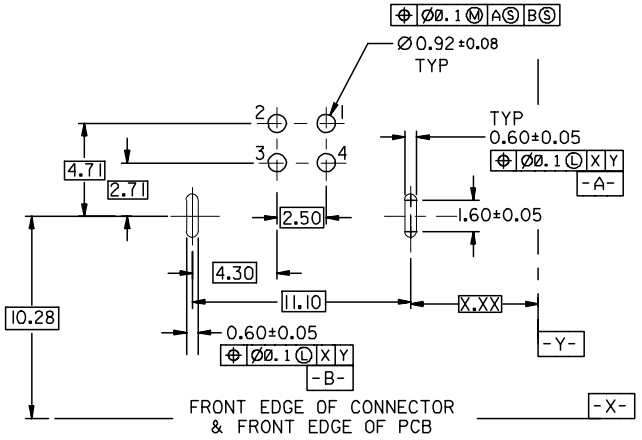
NOTES :

1. MATERIAL :
   HOUSING : (a) HIGH TEMP. NYLON, GLASS FIBER FILLED,UL94V-0, COLOR: BLACK,

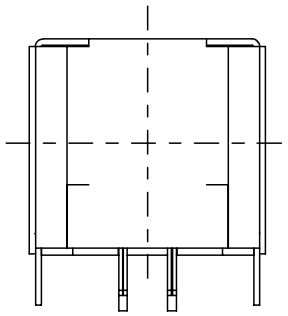
   TERMINAL : PHOSPHOR BRONZE
   METAL SHELL : COPPER ALLOY

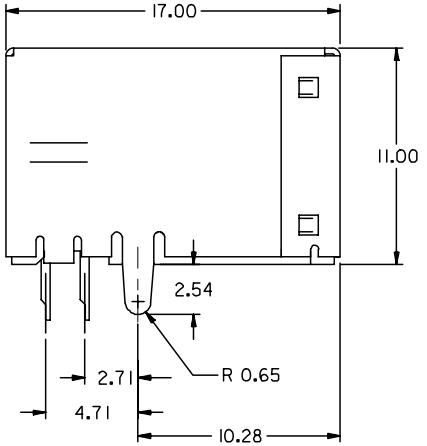
2. PLATING :
   TERMINAL :
   CONTACT AREA : (a) GOLD FLASH.
   (b) GLOD (Au), THICKNESS = 30 MICROINCH MINIMUM.
   /0.76 MICROMETER MINIMUM.
   SOLDER TAIL :
   PURE TIN(Sn) THICKNESS= 75 MICROINCH MINIMUM .
   /1.9 MICROMETER MINIMUM.
   UNDER PLATE : NICKEL (NI), THICKNESS= 50 MICROINCH MINIMUM.
   /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

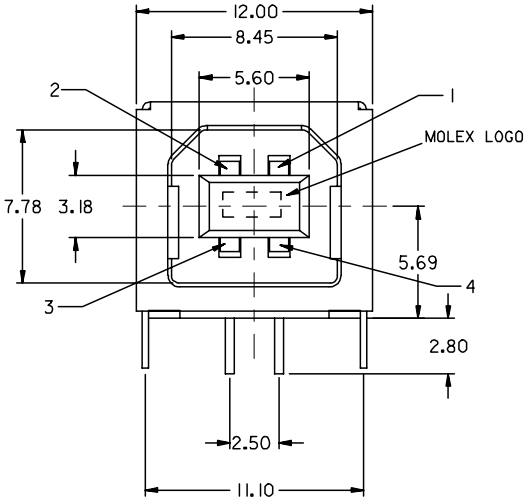




RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- 7051

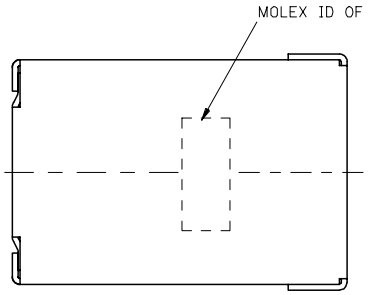
LTR	REVISION RECORD	ECN	DR	DATE
A	NEW RELEASE FOR LEAD-FREE		DAVD HU	2004/11/5
REVISE ONLY ON CAD SYSTEM				

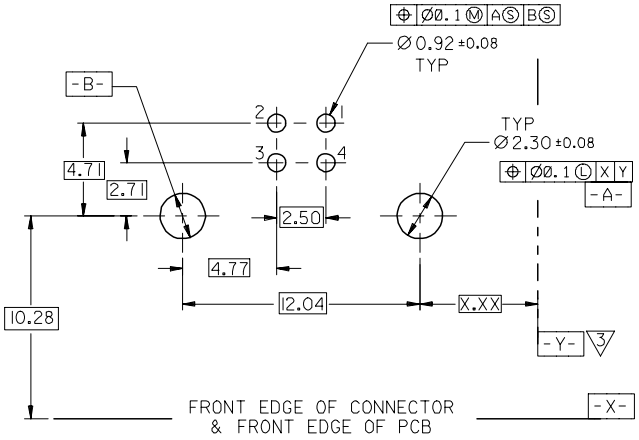
MATERIAL : SEE NOTES	MOLEX TAIWAN LTD. SHEET 4 OF 4
FINISH : SEE NOTES	
WIRE RANGE :	GENERAL TOLERANCES ANGLE : ± 3° DIM : ± .25/.010
INS. RANGE :	ENG. NO.: SD-67068-003 REV A
DRAWN BY 2004/11/5 DAVID HU / CHK'D BY	TITLE : HIGH TEMP.USB B TYPE CONNECTOR WITH STRAIGHT TAB (LEAD-FREE)
APPR'D BY / SCALE 4 : 1	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX (FEML) AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

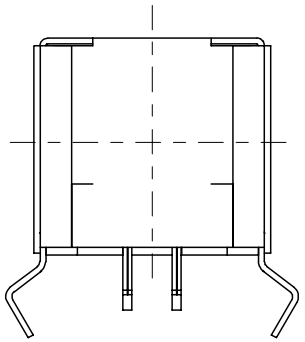
MXT , Sa - 13

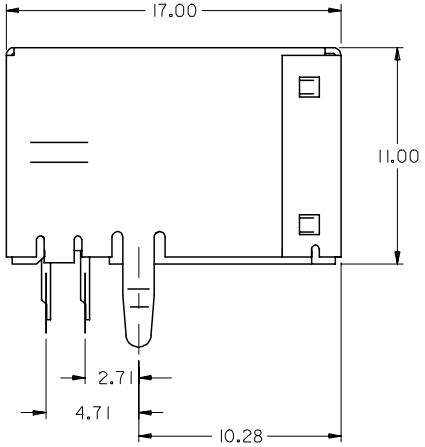
NOTES:
1.MATERIAL:
HOUSING:
(a)HIGH TEMP,NYLON,GLASS FIBRE FILLED,UL94V-0,COLOR: 8:BALCK
(b)POLYESTER(PBT),30% GLASS FIBER FILLED,UL94V-0,COLOR: 9:WHITE
TERMINAL: PHOSPHOR BRONZE
METAL SHELL: COPPER ALLOY
2.PLATING:
TEMINAL:
(c)GOLD FLASH ON CONTACT AREA,75 MICROINCH MINIMUM PURE TIN(Sn) ON SOLDER TAIL,UNDER 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

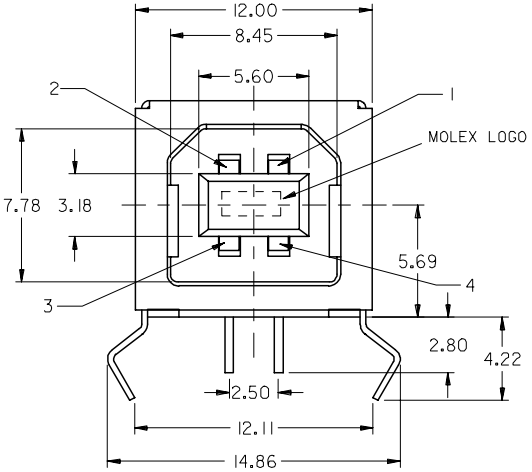




RECOMMENDED PCB LAYOUT







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 B	BLACK	30MICROINCH Au SEE NOTES[2-(f),2-(h)]
67068-8013 B	BLACK	GOLD FLASH SEE NOTES[2-(e),2-(h)]

REVISED
EC NO: SH2007-0468 2007/01/19 DRWN:HYHE01 2007/01/19 CHKD: WANG 2007/01/26 APPR: JNCHEN
DESCRIPTION
REV B

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
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: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: DAVID HU DATE: 2004/11/05
CHECKED BY: HARVEY DATE: 2004/11/05
APPROVED BY: DATE:

TITLE: USB B TYPE CONNECTOR LEAD-FREE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE NOTES
DOCUMENT NO.: SD-67068-004
SHEET NO.: 1 OF 1
SIZE: A3

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Unikeyic Electronics

Global Electronic Components Distributor

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molex:

347928042 348268126 349672001 528061110 528520870 528523070 194290026 351820290 355240920 0351510214 0464363133 347910140 502584-0870 502584-1060 503988100 194270031 194290039 197054301 197134001 347072012 0194360214 502585-0370 0477256010 34708-2028 459850483 502380-0800 5023860371 348242245 464373005 357470310