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.

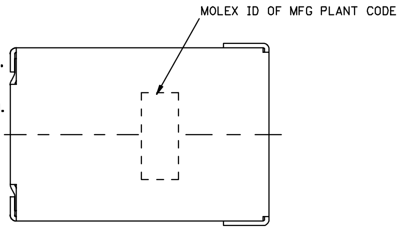
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.

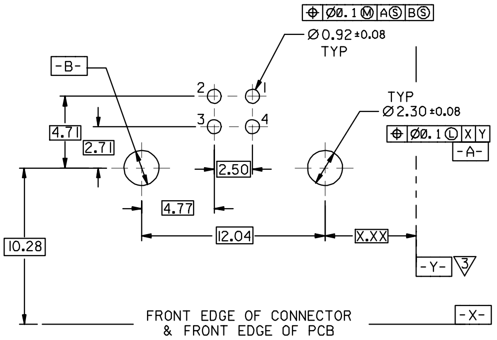
METAL SHELL :
PURE TIN(Sn) , THICKNESS= 50 MICROINCH MINIMUM.
/ 1.27 MICROMETER MINIMUM.

UNDER PLATE : NICKEL (Ni) , THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.

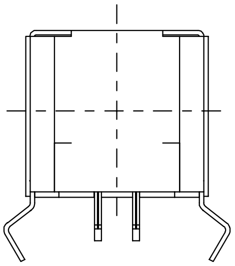
3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
RECOMMENDED PCB THICKNESS : 1.60±0.05

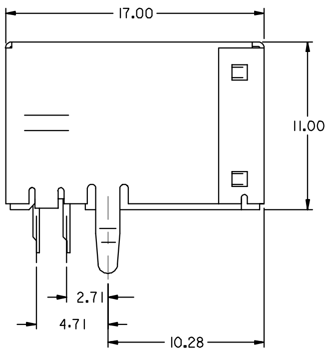
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

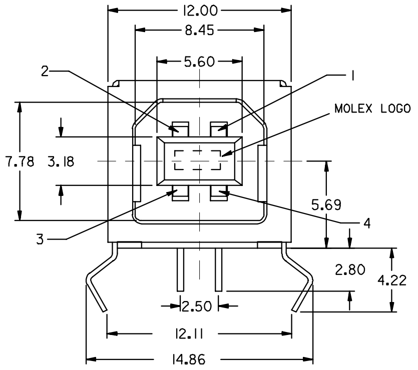




RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- * * 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
A	NEW RELEADE EC NO: SH2005-0142 DRWN: DAVID HU 2004/11/5 CH'KD:HARVEY 2004/11/25 APPR:YTYAP 2004/11/25

QUALITY SYMBOLS
▼=0
∇ C =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	TITLE: USB B TYPE CONNECTOR KINK TYPE BOARD LOCK (LEAD-FREE)	
CHECKED BY: HARVEY	DATE: 2004/11/05		
APPROVED BY:	DATE:	MOLEX INCORPORATED	
MATERIAL NO.: SEE NOTES		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		

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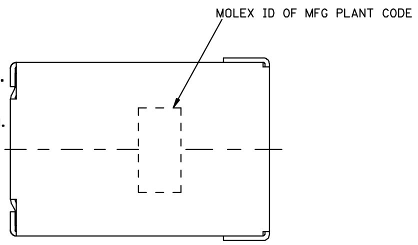
NOTES :

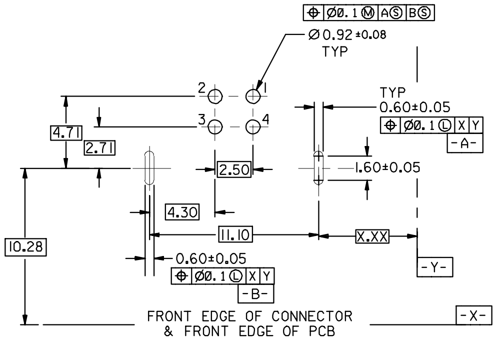
1. MATERIAL :
HOUSING : (a) HIGH TEMP. NYLON, GLASS FIBER FILLED, UL94V-0, COLOR: BLACK,
(b) POLYESTER , GLASS FIBER FILLED, UL94V-0, COLOR: WHITE,
TERMINAL : PHOSPHOR BRONZE
METAL SHELL : COPPER ALLOY

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.

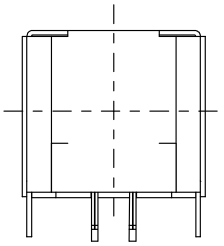
3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
RECOMMENDED PCB THICKNESS : 1.60±0.05

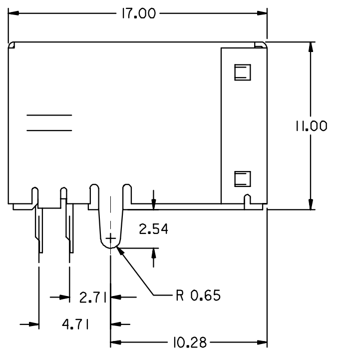
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

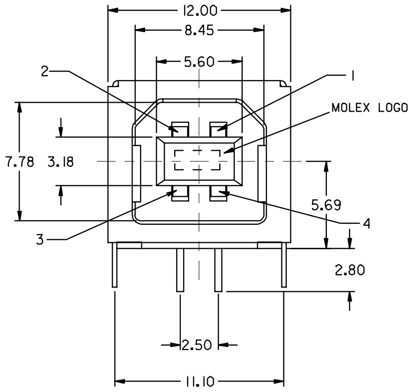




RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- * * 1 *

8 : BLACK HOUSING
9 : WHITE HOUSING

0 : TRAY PACKAGING
1 : TUBE PACKAGING

STRAIGHT TAB

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

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

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		
▼=0		mm	INCH
▽=0	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	TITLE USB B TYPE CONNECTOR WITH STRAIGHT TAB (LEAD-FREE)		
CHECKED BY 2004/11/05	DATE 2004/11/05			
APPROVED BY	DATE	MOLEX INCORPORATED		
MATERIAL NO. SEE NOTES		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			

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ENG. NO

EDP NO.

SIMILAR ITEM

CAD FILE :

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.
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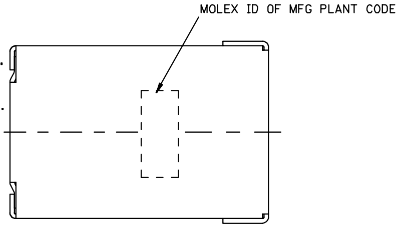
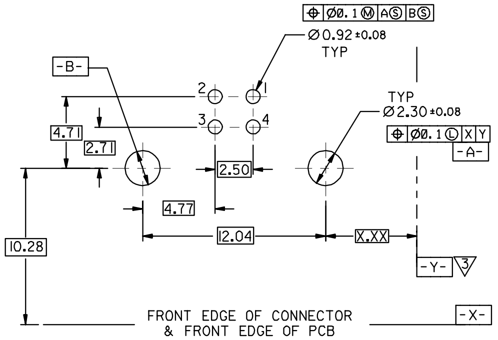
UNDER PLATE : NICKEL (NI), THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.

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

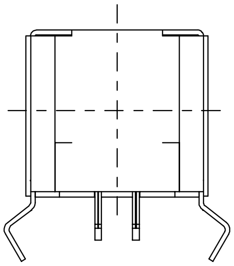
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

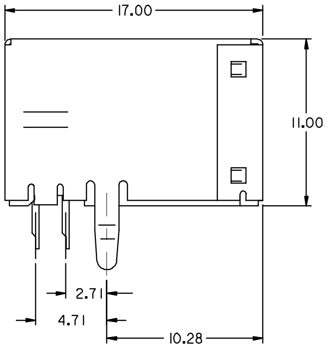


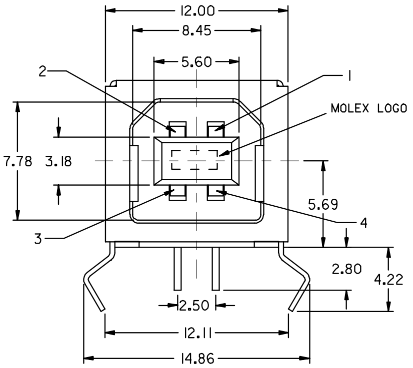


FRONT EDGE OF CONNECTOR
& FRONT EDGE OF PCB

RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- 7041

A	NEW RELEASE FOR LEAD-FREE		DAVID HU	2004/11/5	INS. RANGE :	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	

MATERIAL : SEE NOTES

FINISH : SEE NOTES

WIRE RANGE :

MOLEX
TAIWAN LTD.
SHEET 3 OF 4

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

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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 .
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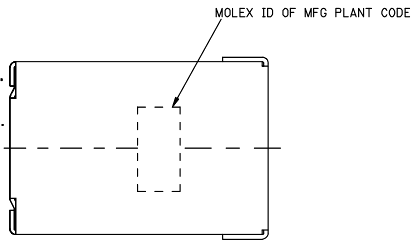
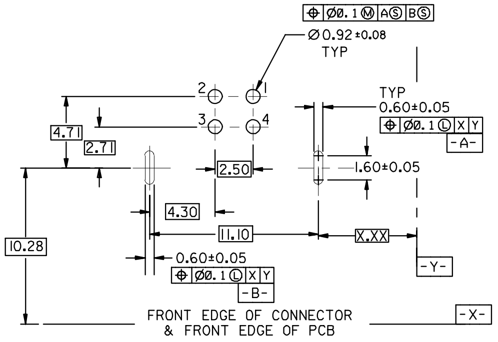
METAL SHELL :
PURE TIN(SN) THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.
UNDER PLATE : NICKEL (NI) , THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.

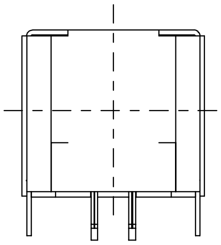
3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
RECOMMENDED PCB THICKNESS : 1.60±0.05

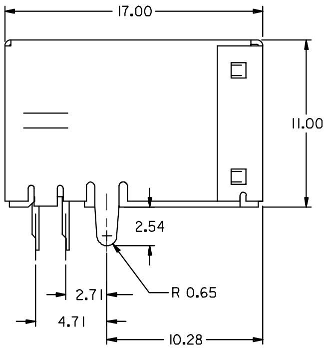
4 PRODUCT SPECIFICATION : REFER TO PS-67998-0000

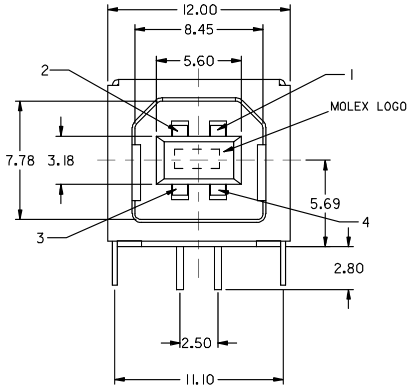




RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- 7051

A	NEW RELEASE FOR LEAD-FREE		DAVD HU	2004/11/5
LTR	REVISION RECORD	ECN	DR	DATE
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 4 OF 4

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

ENG. NO.: SD-67068-003

REV A

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

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