Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

Molex Connector Corporation
0670689001

For any questions, you can email us directly:
sales@integrated-circuit.com

EIS electronic components

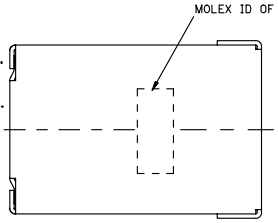
Distributor of Molex Connector Corporation: Excellent Integrated System Limited

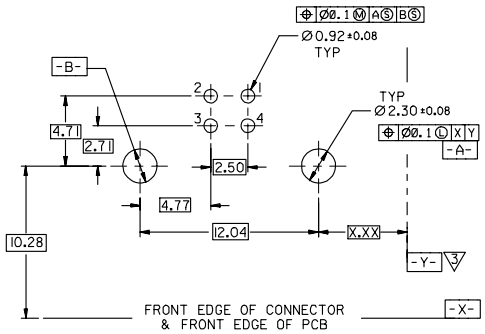
Datasheet of 0670689001 - Connector Receptacle USB TypeB 4 Position Through Hole, Right Angle, Horizontal

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

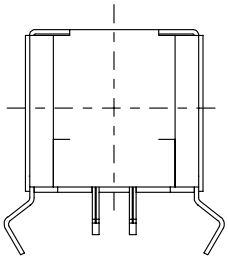
NOTES :

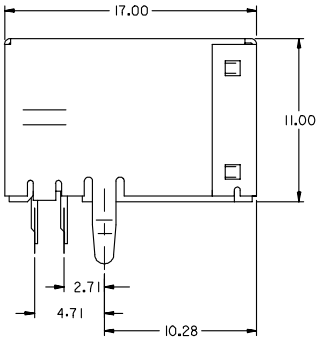
1. MATERIAL :
   HOUSING : (a) HIGH TEMP. NYLON ,GLASS FIBER FILLED,UL94V-0, COLOR: BLACK.
   (b) POLYESTER , GLASS FIBER FILLED,UL94V-0, COLOR: WHITE,
   TERMINAL : PHOSPHOR BRONZE
   METAL SHELL : COPPER ALLOY
2. PLATING :
   TERMINAL :
   CONTACT AREA : (a) GOLD FLASH.
   (b) GLOD (Au), THICKNESS = 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

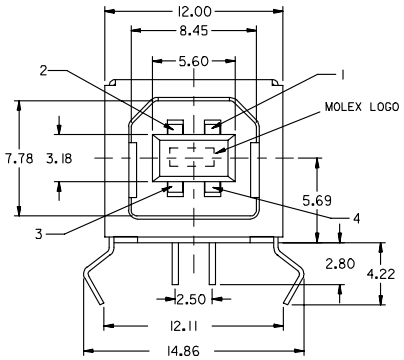




RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- * * 0 *

8 : BLACK HOUSING
9 : WHITE HOUSING

0 : TRAY PACKAGING
1 : TUBE PACKAGING

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

KINK TYPE BOARD LOCK

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

EIS electronic components

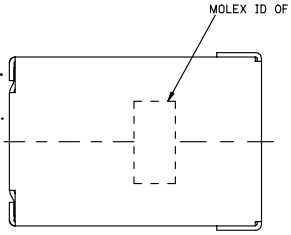
Distributor of Molex Connector Corporation: Excellent Integrated System Limited

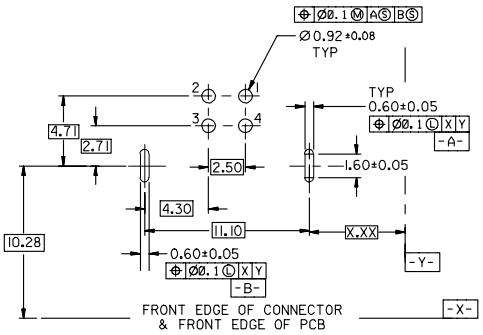
Datasheet of 0670689001 - Connector Receptacle USB TypeB 4 Position Through Hole, Right Angle, Horizontal

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

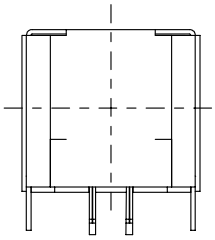
NOTES :

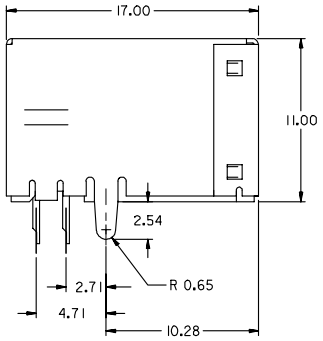
1. MATERIAL :
   HOUSING : (a) HIGH TEMP. NYLON, GLASS FIBER FILLED,UL94V-0, COLOR: BLACK,
   (b) POLYESTER , GLASS FIBER FILLED,UL94V-0, COLOR: WHITE,
   TERMINAL : PHOSPHOR BRONZE
   METAL SHELL : COPPER ALLOY
2. PLATING :
   TERMINAL :
   CONTACT AREA : (a) GOLD FLASH.
   (b) GLOD (Au), THICKNESS = 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

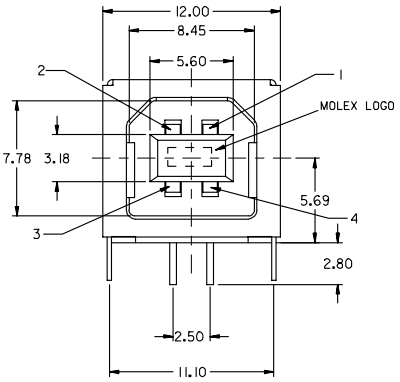




RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- * * | *

8 : BLACK HOUSING
9 : WHITE HOUSING

0 : TRAY PACKAGING
1 : TUBE PACKAGING

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

STRAIGHT TAB

REV	DESCRIPTION	EC NO: SH2005-0142	DRWN: DAVID HU 2004/11/5	CHKD: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	± --- 2004/11/05
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	
TITLE	USB B TYPE CONNECTOR WITH STRAIGHT TAB (LEAD-FREE)
	MOLEX INCORPORATED
MATERIAL NO.	SEE NOTES
DOCUMENT NO.	SD-67068-003
SHEET NO.	2
SIZE	A3

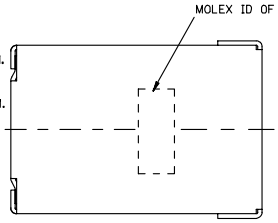
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

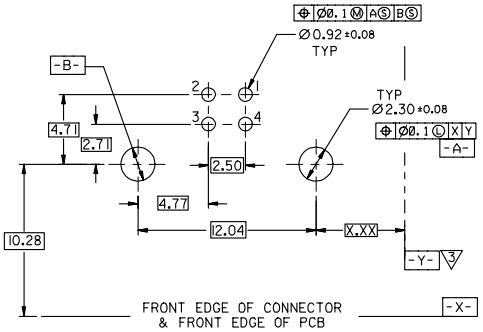
Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0670689001 - Connector Receptacle USB TypeB 4 Position Through Hole, Right Angle, Horizontal
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

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

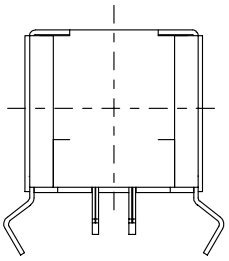
TERMINAL : PHOSPHOR BRONZE
METAL SHELL : COPPER ALLOY

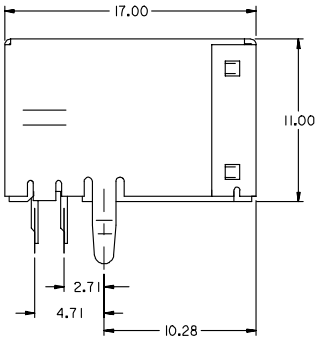
2. PLATING :
TERMINAL :
CONTACT AREA : (a) GOLD FLASH.
(b) GLOD (Au), THICKNESS = 30 MICROINCH MINIMUM.
/0.76 MICROMETER MINIMUM.
SOLDER TAIL :
PURE TIN(Sn) THICKNESS= 75 MICROINCH MINIMUM .
/1.9 MICROMETER MINIMUM.
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH MINIMUM.
/1.27 MICROMETER MINIMUM.
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

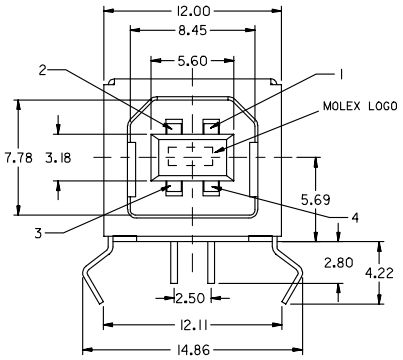




RECOMMENDED PCB LAYOUT







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

Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0670689001 - Connector Receptacle USB TypeB 4 Position Through Hole, Right Angle, Horizontal
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

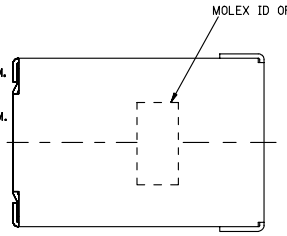
ENG. NO SDA-67068-****
EDP NO.
SIMILAR ITEM
CAD FILE : S6706802
DO NOT SCALE DRAWING

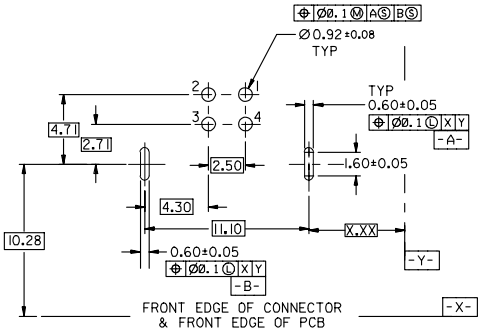
NOTES :

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

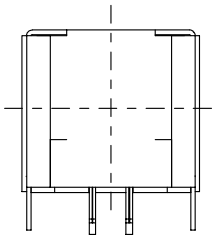
   TERMINAL : PHOSPHOR BRONZE
   METAL SHELL : COPPER ALLOY

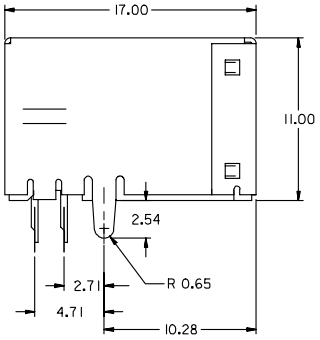
2. PLATING :
   TERMINAL :
   CONTACT AREA : (a) GOLD FLASH.
   (b) GLOD (Au), THICKNESS = 30 MICROINCH MINIMUM.
   /0.76 MICROMETER MINIMUM.
   SOLDER TAIL :
   PURE TIN(Sn) THICKNESS= 75 MICROINCH MINIMUM .
   /1.9 MICROMETER MINIMUM.
   UNDER PLATE : NICKEL (NI), THICKNESS= 50 MICROINCH MINIMUM.
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

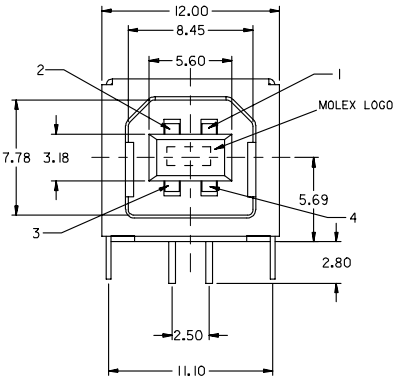




RECOMMENDED PCB LAYOUT







PART NUMBER LEGEND:

67068- 7051

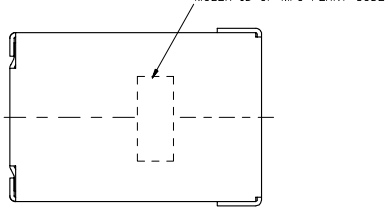
					MATERIAL : SEE NOTES	MOLEX TAIWAN LTD.	
					FINISH : SEE NOTES	SHEET 4 OF 4	
					WIRE RANGE :	GENERAL TOLERANCES ANGLE : ± 3° DIM : ± .25/.010	
					INS. RANGE :	ENG. NO.: SD-67068-003	REV A
A	NEW RELEASE FOR LEAD-FREE		DAVID HU	2004/11/5			
LTR	REVISION RECORD	ECN	DR	DATE	DRAWN BY 2004/11/5 DAVID 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		

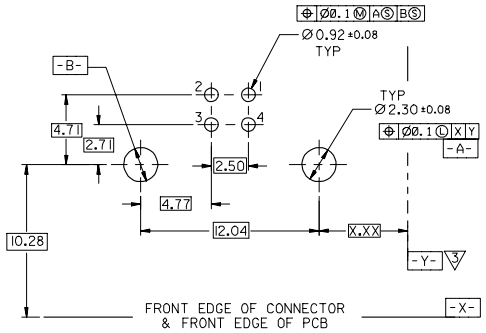
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX (FEML) AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

MXT , Sa - 13

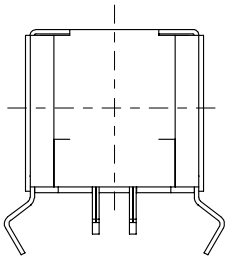
Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0670689001 - Connector Receptacle USB TypeB 4 Position Through Hole, Right Angle, Horizontal
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

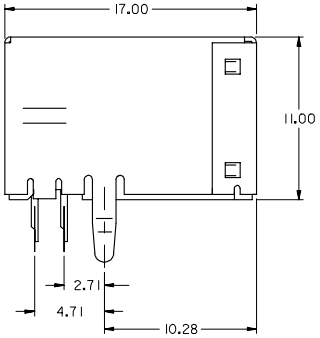
NOTES:
1.MATERIAL:
HOUSING:
(a)HIGH TEMP.NYLON,GLASS FIBRE FILLED,UL94V-0,COLOR: 8:BALCK
(b)POLYESTER(PBT),30% GLASS FIBER FILLED,UL94V-0,COLOR: 9:WHITE
TERMINAL: PHOSPHOR BRONZE
METAL SHELL: COPPER ALLOY
2.PLATING:
TEMINAL:
(c)GOLD FLASH ON CONTACT AREA,75 MICROINCH MINIMUM PURE TIN(Sn) ON SOLDER TAIL,UNDER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

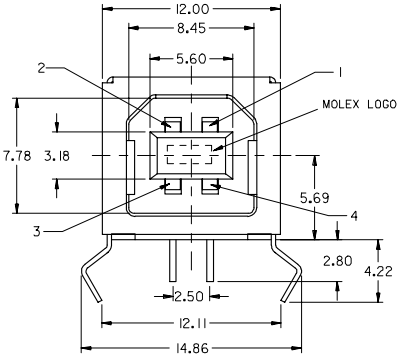




RECOMMENDED PCB LAYOUT







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

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

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