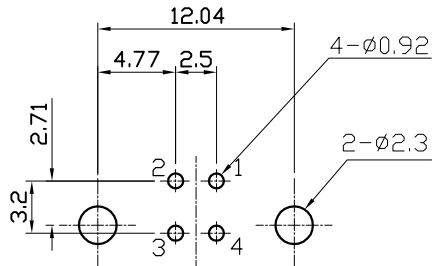
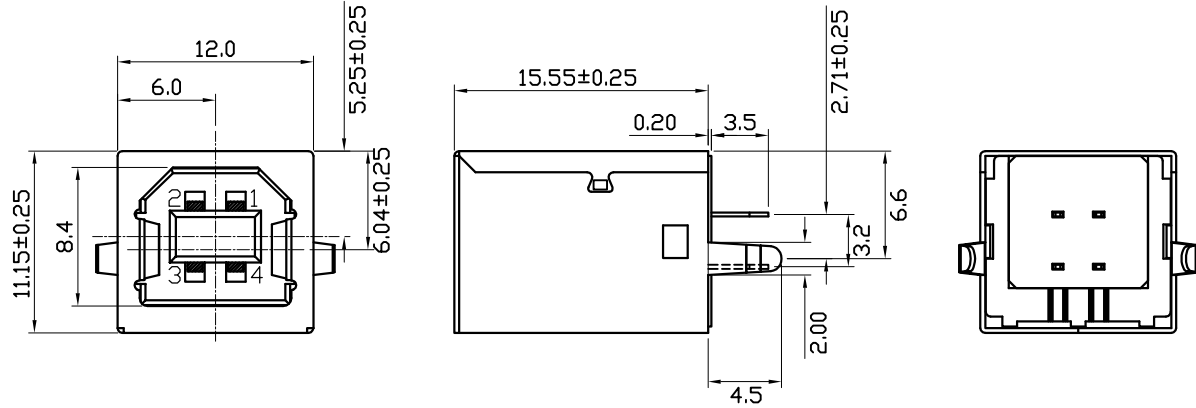


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REV.	DESCRIPTION	ECN NO.	DWN.	CHK.	APVD.	DATE
A						2010-12-23



(COMPONENT SIDE)  
PCB LAYOUT

Specification:  
 Contact Resistance: 30m Ohm Max.  
 Insulation Resistance: 1000M Ohm Min. At 500VDC.  
 Rated Voltage And Current: 1.5A At 250VAC Minimum.  
 Dielectric Withstanding Voltage:  
 750V AC (rms) for 1 Minute(Rev. 1.1)  
 Durability (Life Test): 1500 Cycles  
 Insertion Force: 35 Newton Maximum.  
 Extraction Force: 10 Newton Minimum.

Ordering Information

186b -  $\frac{XX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d} \frac{X}{e}$

- a. No. Of Pins  
04: 04 positions
- b. Contact Type  
2: Female (Standard)
- c. Contact Plating  
0: Gold flash selective gold  
1: 5u" selective gold on contact  
2: 15u" selective gold on contact  
3: 30u" selective gold on contact
- d. Shell Plating  
1: Nickel  
2: Tin
- e. Insulator Color  
1: Black  
2: Beige  
3: White  
4: Black high temperature

NO.	NAME	MATERIAL	FINISH	REMARK	Q'TY
1	HOUSING	PBT G.F.	WHITE		1
2	PIN TERM.	PHOS. BRONZE T:0.25	GOLD/TIN PLATED	Gold1-3u", NI40-60u", TIN120u" (100% pure Tin of lead free plating)	4
3	SHELL	BRASS T:0.3	NICKEL PLATED	NI:80~120u"	1
4	BOTTOM COVER	PBT G.F.	WHITE		1

DIMENSIONS:  
 mm [INCH]  INCH [mm]  mm ONLY

UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:  
 DECIMALS: X: ±0.38 [0.015] .X: ±0.25 [0.010] .XX: ±0.13 [0.005]  
 ANGLES: X°: ±3° .X°: ±1.0°

MATERIAL:  
 FINISH:

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE  
 DRAWN BY AND DATE: JACK CHEN 2010-06-08  
 CHECKED BY AND DATE: JUSTIN XING 2010-06-08  
 APPROVED BY AND DATE: FRANKY CHEN 2010-06-08

THIRD ANGLE PROJECTION

SCALE: 1:1 SIZE: A3

**Y-S ELECTRONIC CO., LTD.**

TITLE  
 186b SERIES  
 USB P.C.B. Straight TYPE (B TYPE)

DRAWING NO. 186b-042013 REV A

FILE NO. SHEET 1 OF 1

DO NOT SCALE DRAWING