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REV.	DESCRIPTION	ECN NO.	DWN.	CHK.	APVD.	DATE
A			Zhong	Zhong	Bert	2025-06-20

RoHS COMPLIANT

Specification:

Contact Resistance: 30m Ohm Max.

Insulation Resistance: 1000M Ohm Min. At 500V DC.

Rated Voltage And Current: 1.5A At 250V AC Minimum.

Dielectric Withstanding Voltage: 500V AC (rms) for 1 Minute

Durability (Life Test): 1500 Cycles

Insertion Force: 35 Newton Maximum.

Extraction Force: 10 Newton Minimum.

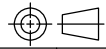
Salt Spray Test Time: 8H. No Corrosion Of The Substrate Is Considered Qualified.

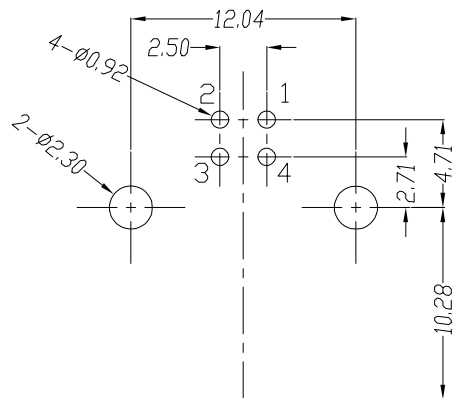
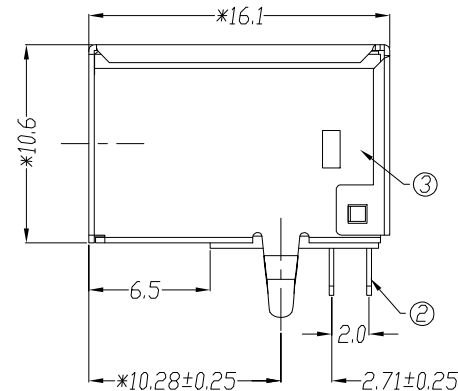
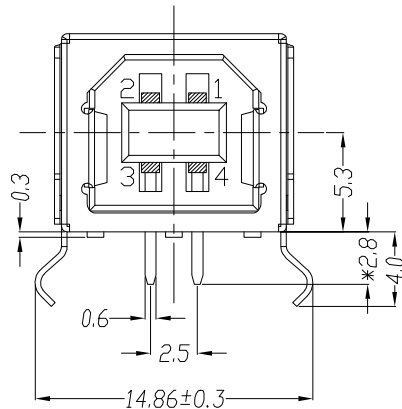
NO.	NAME	MATERIAL	FINISH	Q'TY	REMARK
1	HOUSING	PBT G.F	WHITE	1	
2	TERMINAL	PHOS. BRONZE T:0.25	GOLD/TIN PLATED	4	Ni:50u*Min;Tin:100u*Min Gold:1u*
3	SHELL	BRASS T:0.3	NI PLATED	1	Ni:50u*Min

Ordering Information

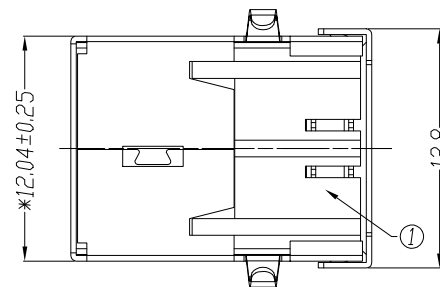
186 - $\frac{XX}{a} \frac{X}{b} \frac{X}{c} \frac{X}{d} \frac{X}{e} \frac{X}{f}$

- 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
- f: Option
1: Without rear shell
2: With rear shell

DIMENSIONS: ☐ mm [INCH] ☐ INCH [mm] ☒ mm ONLY		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE DRAWN BY AND DATE JACK CHEN 2012-12-24	 Y-S ELECTRONIC CO., LTD.
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°		CHECKED BY AND DATE JUSTIN XING 2012-12-24 APPROVED BY AND DATE FRANKY CHEN 2012-12-24	
MATERIAL:		THIRD ANGLE PROJECTION 	TITLE 186 SERIES USB P.C.B. RIGHT ANGLE TYPE (B TYPE)
FINISH:		SCALE: 1 : 1 SIZE: A3	
DRAWING NO. 186-0420132-JF			REV A
FILE NO.:			SHEET 1 OF 1



PCB EDGE
PCB LAYOUT
(COMPONENT SIDE)



DO NOT SCALE DRAWING