

Part Number: WATM07DBLSD2

└ Selective Gold: B: 5u"  
D: 15u"

Notes:

\*Material

Housing: LCP, UL 94V-0 rated,  
Color: Black;

Contact: Brass;

Plating: Gold plating over Nickel on contact area; Tin/Lead plating on terminal.

\*Mechanical

Insertion Force: 45N max.  
Withdrawal Force: 10N min.  
Durability: 500 cycles.

\*Electrical Specification

Current Rating: 1.5 Ampere per contact;  
Contact Resistance: 30 Milliohms max.  
Insulation Resistance: 1000 megohms min.  
Dielectric Withstanding Voltage: 500 V AC.

\*Environmental

Operating Temperature:  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$

\*How to order:

WATM-07 D B L S D 2

空白: No Mark

—2: 塑膠柱

—D: 雙臂型

—S: SMT 型

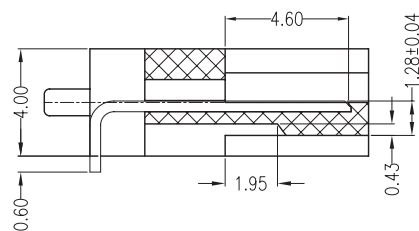
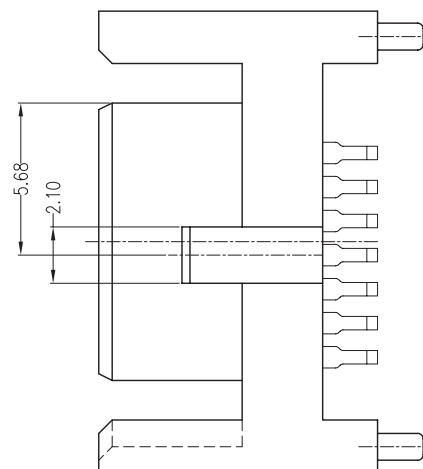
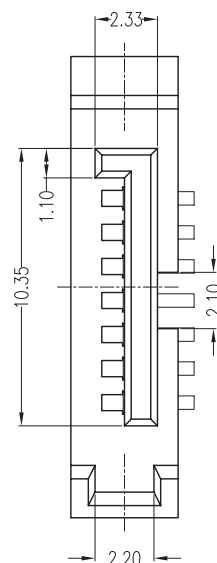
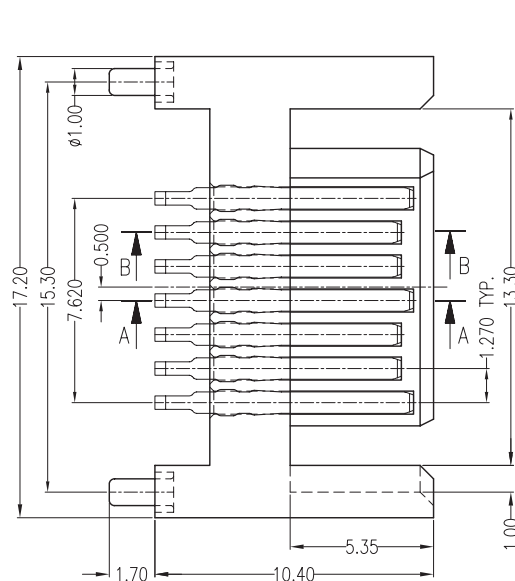
—LCP

—Brass

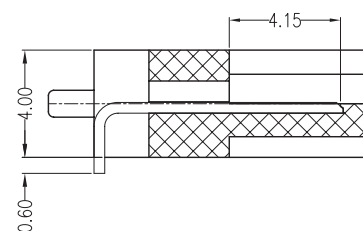
—Selective Gold: B:5u" D: 15u"

—Number of contacts

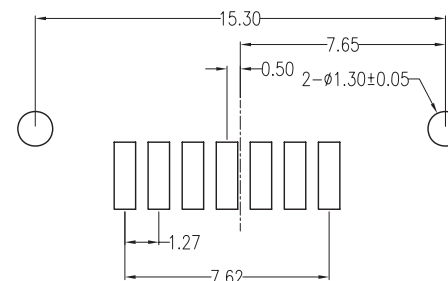
—Serial ATA for mother(主板)



SECTION A-A



SECTION B-B



### PCB. Layout

|                |                                                     |       |                  |                                                   |                 |                |                 |                 |                    |                        |                |       |                           |                                                                                       |
|----------------|-----------------------------------------------------|-------|------------------|---------------------------------------------------|-----------------|----------------|-----------------|-----------------|--------------------|------------------------|----------------|-------|---------------------------|---------------------------------------------------------------------------------------|
| 檔 名<br>F/Name  | Z:\起圖\WINNING\S ATA\公\W020122(起式Serial ATA)\CRT.dwg | T E L | 2299-4155(代 表 號) | 未 註 入 公 差<br>Tolerance Unless Otherwise Specified | 設 計<br>Designed | 製 圖<br>Drawing | 檢 圖<br>Reviewed | 承 認<br>Approved | 單 位<br>Unit        | mm                     | 比 例 尺<br>Scale | 5:1   | Third Angle<br>Projection |  |
| 品 名<br>P/Name  | 直立式 Serial ATA SMT型                                 | F A X | 2299-4157        | .X ~ ±0.38                                        |                 |                |                 |                 | 日 期<br>Date        |                        |                | Sheet | 1 Of 1                    |                                                                                       |
| 公 司<br>CO/Name | Wellco T&C Co., Ltd.                                |       |                  | .XX ~ ±0.25                                       |                 |                |                 |                 | 圖 名<br>Name        | 直立式Serial ATA SMT型 承認圖 |                |       | REV                       |                                                                                       |
|                |                                                     |       |                  | .XXX ~ ±0.20                                      |                 |                |                 |                 | 圖 號<br>Drawing No. |                        |                |       |                           |                                                                                       |
|                |                                                     |       |                  | Angle ~ ± 3°                                      |                 |                |                 |                 |                    |                        |                |       |                           |                                                                                       |