

## SPECIFICATIONS

CURRENT RATING: 7A AC, DC

VOLTAGE RATING: 600V AC, DC

TEMPERATURE RANGE: -40°C TO +105°C 

CONTACT RESISTANCE: 3mΩ MAX.

INSULATION RESISTANCE: 5000MΩ MIN.

DIELECTRIC VOLTAGE: 2200V AC FOR ONE MINUTE

## MATERIAL

CONTACT PIN : BRASS

INSULATOR: NYLON 66, UL94V-0

## ORDER INFORMATION

5 W 3 9 6 5 S 0 - 1 X X X X X X L A 0 1

1: SINGLE  
ROW

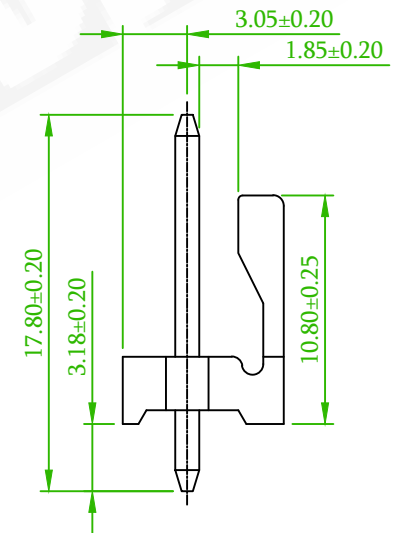
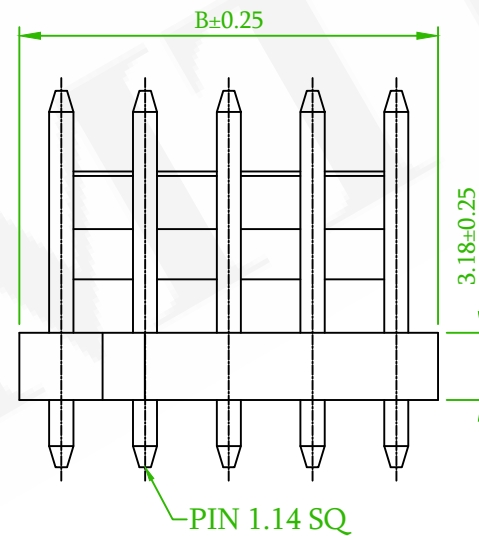
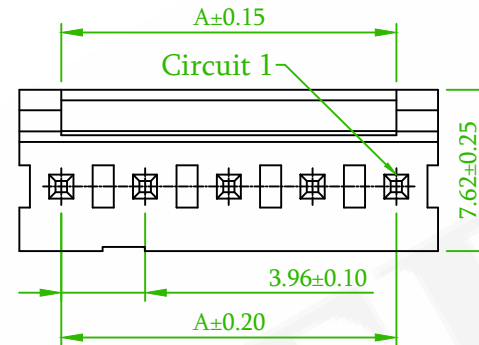
NO. OF CONTACTS  
PER ROW

T0: TIN  
PLATED

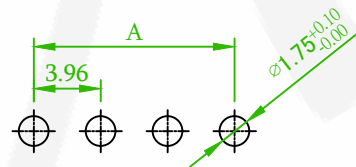
W: NATURAL

B: BAG

RoHS



| No. of<br>contacts | Dimensions |       |
|--------------------|------------|-------|
|                    | Dim.A      | Dim.B |
| 102                | 3.96       | 7.92  |
| 103                | 7.92       | 11.88 |
| 104                | 11.88      | 15.84 |
| 105                | 15.84      | 19.80 |
| 106                | 19.80      | 23.76 |
| 107                | 23.76      | 27.72 |
| 108                | 27.72      | 31.68 |
| 109                | 31.68      | 35.64 |
| 110                | 35.64      | 39.60 |
| 111                | 39.60      | 43.56 |
| 112                | 43.56      | 47.52 |
| 113                | 47.52      | 51.48 |
| 114                | 51.48      | 55.44 |
| 115                | 55.44      | 59.40 |
| 116                | 59.40      | 63.36 |
| 117                | 63.36      | 67.32 |
| 118                | 67.32      | 71.28 |
| 119                | 71.28      | 75.24 |
| 120                | 75.24      | 79.20 |



RECOMMENDED PCB LAYOUT  
(PCB TOLERANCE ±0.05)

OLD PART NO.: 3965S-XXTW-L

| REV.                                                                              | ECN NO. OR DESCRIPTION           | REVISED | DATE       |
|-----------------------------------------------------------------------------------|----------------------------------|---------|------------|
|  | ECN-202503056 Revise the drawing | Gaby    | 2025/04/11 |
|  | Revised the Drawing              | Jeff    | 2016/10/24 |

  
**糧德精密有限公司**  
 Amtek Technology Co., Ltd.  
 TEL: 886-2-2260-6878  
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| 品名<br>TITLE          |  | WAFER 3.96mm DIP V/T TYPE |  |             |      | 頁數<br>Page                   | 1/1                                                                                   |
|----------------------|--|---------------------------|--|-------------|------|------------------------------|---------------------------------------------------------------------------------------|
| 品號<br>PART NO.       |  | 5W3965S0-1XXXXXXLA01      |  |             |      | 繪圖<br>DRAWN                  | ROY<br>2016/09/13                                                                     |
| 圖號<br>DRAWING NO.    |  | GW090-HR176               |  | 版本<br>REV.  | C    | 核對<br>CHECKED                | JENNY<br>2016/09/13                                                                   |
| 客戶品號<br>CUSTOMER P/N |  |                           |  | 比例<br>SCALE | None | 承認<br>APPROVED               | AARON<br>2016/09/13                                                                   |
| 公差<br>TOLERANCE      |  | .X ± 0.25<br>.XX ± 0.15   |  | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |  |