

# ORDER INFORMATION

## SPECIFICATION

Current Rating: 2 AMP

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 20mΩ Max.

Dielectric Voltage: 500V AC for one minute

Operation Temperature:-40°C to +105°C

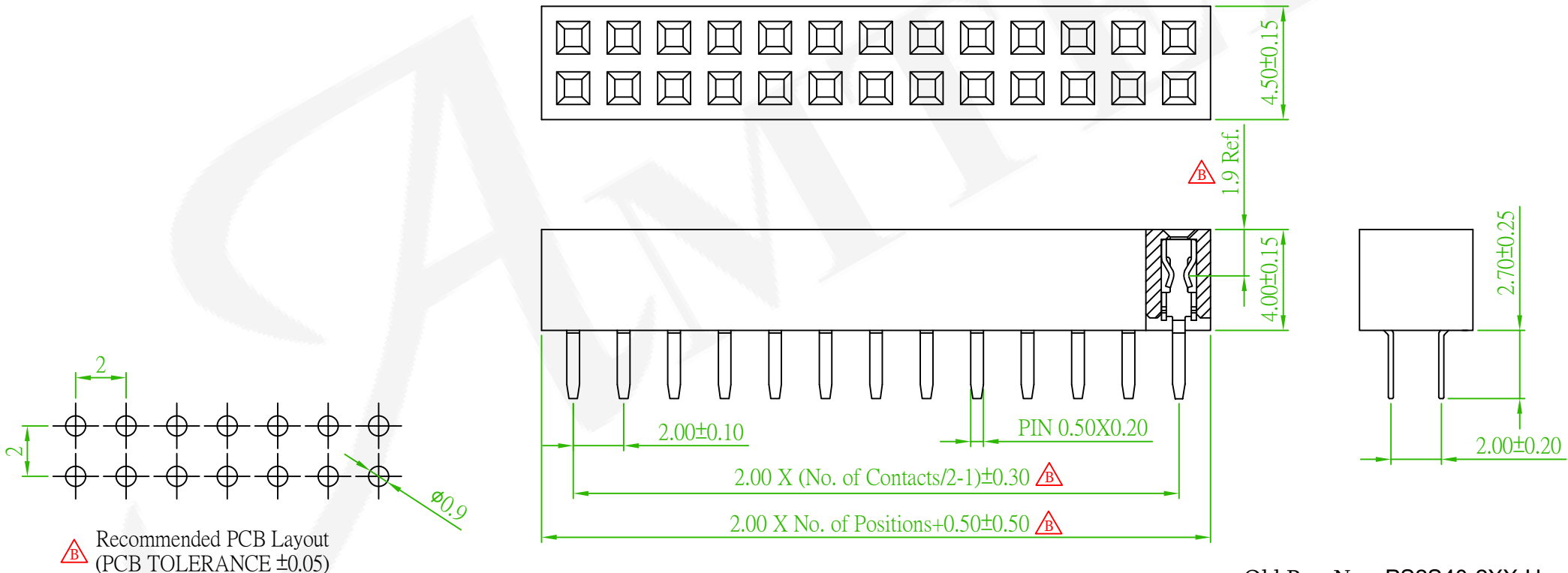
## MATERIAL

Insulator:Hi-Temp. Thermoplastic, UL94V-0, Black

Contact Pin:Copper Alloy

5 P S 2 S D A 4 0 - 2 X X X X N N N X U - 0 0

|             |                              |                                                                                     |             |                                                                                                          |      |
|-------------|------------------------------|-------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------|------|
| 2: Dual Row | No. of Pin<br>Per Row(02~40) | <div> <div> G0: Gold Flash SA: 5u" </div> <div> S0: Selective SA: 5u" </div> </div> | N: W/O Peg  | <div> T: Tube, W/O Cap C: Tube, With Cap H: Tape &amp; Reel, W/O Cap R: Tape &amp; Reel, With Cap </div> | RoHS |
|             |                              | <div> GB: 10u" SB: 10u" </div>                                                      | N: W/O Bump | N: Non Type                                                                                              |      |
|             |                              | <div> GC: 20u" SC: 20u" </div>                                                      |             |                                                                                                          |      |
|             |                              | <div> GD: 30u" SD: 30u" </div>                                                      |             |                                                                                                          |      |
|             |                              | T0: Tin Plated                                                                      |             |                                                                                                          |      |
|             |                              | TE: Tin 200u"                                                                       |             |                                                                                                          |      |



Recommended PCB Layout  
(PCB TOLERANCE ±0.05)

Old Part No. : PS2S40-2XX-U

|                                                |                         |                         |             |      |                              |                    |                    |
|------------------------------------------------|-------------------------|-------------------------|-------------|------|------------------------------|--------------------|--------------------|
| <p>糧德精密有限公司<br/>Amtek Technology Co., Ltd.</p> | 品名<br>TITLE             | FEMALE HEADER 2.0mm     |             |      |                              | 頁數<br>Page         | 1/1                |
|                                                | 品號<br>PART NO.          | 5PS2SDA40-2XXXXNNNXU-00 |             |      |                              | 繪圖<br>DRAWN        | Jeff<br>2015/08/26 |
|                                                | 圖號<br>DRAWING NO.       | GN003-NI850             | 版本<br>REV.  | B    | 核對<br>CHECKED                | John<br>2015/08/26 |                    |
|                                                | 客戶品號<br>CUSTOMER P/N    |                         | 比例<br>SCALE | None | 承認<br>APPROVED               | John<br>2015/08/26 |                    |
| 公差<br>TOLERANCE                                | .X ± 0.25<br>.XX ± 0.20 | .X ± 3                  | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |                    |                    |

|      |                                 |         |            |
|------|---------------------------------|---------|------------|
| REV. | QEC 201214.: Revise the drawing | David   | 2020/12/24 |
|      | ECN NO. OR DESCRIPTION          | REVISED | DATE       |