

## SPECIFICATIONS

Current Rating: 5A AC, DC  
Contact Resistance: 10mΩ Max.  
Insulation Resistance: 1000MΩ Min.  
Dielectric Voltage: 1500V AC for one minute  
Operation Temperature: -40°C to +105°C

## MATERIAL

Contact Pin: Brass  
Insulator: PBT + 30%G.F, UL94V-0

## ORDER INFORMATION

5 W 2 5 2 5 R X - 1 X X T 0 G X L M 0 1

2:W/O Latch Type 1  
3:W/O Latch Type 2  
4:With Latch Type 1  
5:With Latch Type 2

1:Single Row

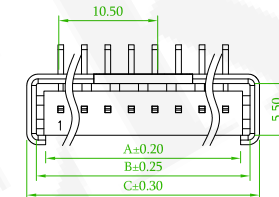
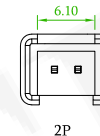
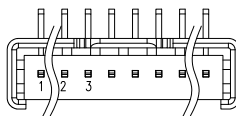
No. of Contacts  
per Row

T0: Tin Plated

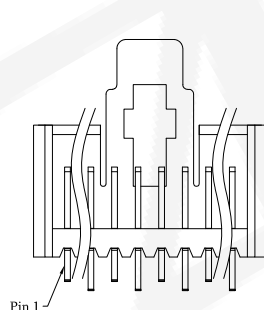
G: Gray

X Box

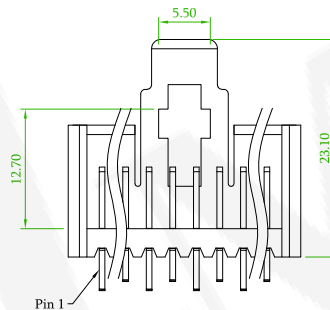
RoHS



| No. of<br>Contacts | Dimension |       |       |       |
|--------------------|-----------|-------|-------|-------|
|                    | A         | B     | C     | D     |
| 02                 | 5.70      | 7.70  | 9.70  | 2.50  |
| 03                 | 8.20      | 10.20 | 12.20 | 5.00  |
| 04                 | 10.70     | 12.70 | 14.70 | 7.50  |
| 05                 | 13.20     | 15.20 | 17.20 | 10.00 |
| 06                 | 15.70     | 17.70 | 19.70 | 12.50 |
| 07                 | 18.20     | 20.20 | 22.20 | 15.00 |
| 08                 | 20.70     | 22.70 | 24.70 | 17.50 |
| 09                 | 23.20     | 25.20 | 27.20 | 20.00 |
| 10                 | 25.70     | 27.70 | 29.70 | 22.50 |
| 11                 | 28.20     | 30.20 | 32.20 | 25.00 |
| 12                 | 30.70     | 32.70 | 34.70 | 27.50 |
| 13                 | 33.20     | 35.20 | 37.20 | 30.00 |
| 14                 | 35.70     | 37.70 | 39.70 | 32.50 |
| 15                 | 38.20     | 40.20 | 42.20 | 35.00 |
| 16                 | 40.70     | 42.70 | 44.70 | 37.50 |
| 17                 | 43.20     | 45.20 | 47.20 | 40.00 |
| 18                 | 45.70     | 47.70 | 49.70 | 42.50 |
| 19                 | 48.20     | 50.20 | 52.20 | 45.00 |
| 20                 | 50.70     | 52.70 | 54.70 | 47.50 |

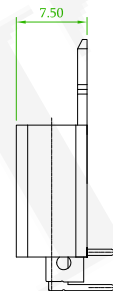


Type 2

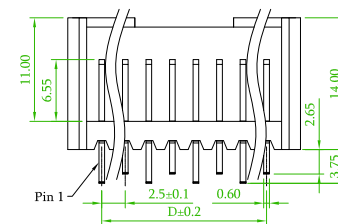


Type 1

With Latch: 04-20 Pin

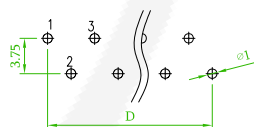
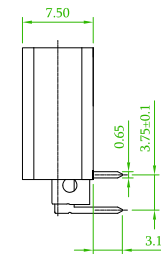


Type 2

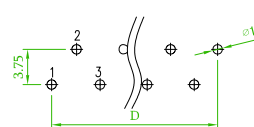


Type 1

W/O Latch: 02-20 Pin



Type 2



Type 1

Recommended PCB Layout  
(PCB TOLERANCE ±0.05)



|      |                                              |         |            |
|------|----------------------------------------------|---------|------------|
| REV. | ECN NO.: 180604, revise packages: B, A -> X. | Gary    | 2018/07/06 |
|      | ECN NO. OR DESCRIPTION                       | REVISED | DATE       |

|                                                                                                   |                      |                              |             |            |    |                              |            |
|---------------------------------------------------------------------------------------------------|----------------------|------------------------------|-------------|------------|----|------------------------------|------------|
| <br><b>糧德精密有限公司</b><br>Amtek Technology Co., Ltd.<br>TEL: 886-2-2260-6878<br>FAX: 886-2-2260-8030 | 品名                   | 2.5mm WAFER S/R R/A DIP TYPE |             |            |    | 頁數                           | 1/1        |
|                                                                                                   | 品號<br>PART NO.       | 5W2525RX-1XXT0GXMLM01        |             |            |    | 繪圖                           | Eloise     |
|                                                                                                   | 圖號<br>DRAWING NO.    | GW003-EL380                  | 版本<br>REV.  | B          | 核對 | 2017/04/12                   |            |
|                                                                                                   | 客戶品號<br>CUSTOMER P/N |                              | 比例<br>SCALE | None       | 承認 | 2018/07/06                   | Jason      |
|                                                                                                   | 公差<br>TOLERANCE      | .X ± 0.40<br>.XX ± 0.25      | .X° ± 3     | 單位<br>UNIT | mm | THIRD<br>ANGLE<br>PROJECTION | 2018/07/06 |