

## SPECIFICATIONS

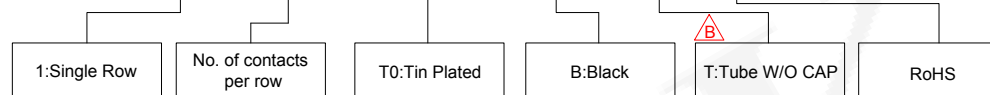
Current Rating: 2.4A AC, DC  
 Insulation Resistance: 1000MΩ Min.  
 Contact Resistance: 20mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

## MATERIAL

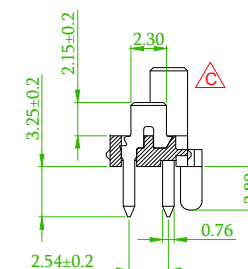
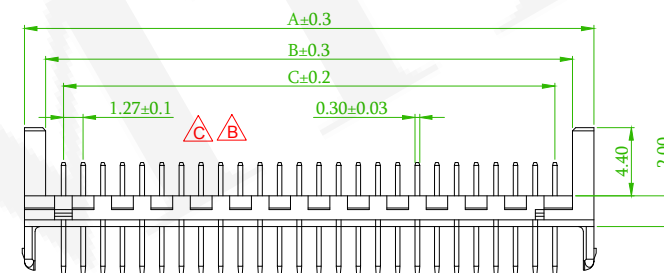
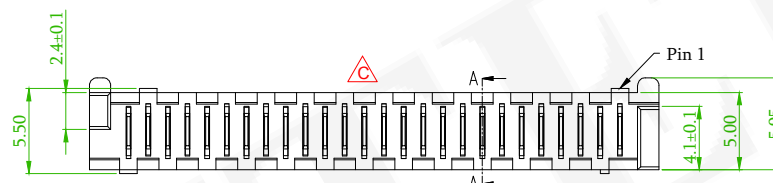
Contact Pin: Brass  
 Insulator: LCP, UL94V-0

## ORDER INFORMATION

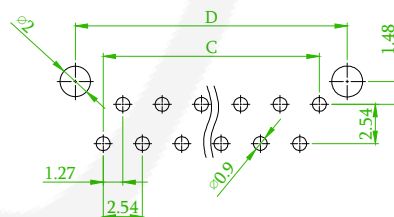
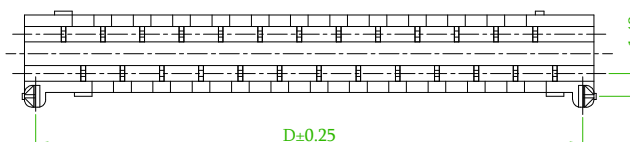
5 W 1 2 7 1 S 1 - 1 X X T 0 B T U M 0 1



| No. of contacts | Dimensions |       |       |       |
|-----------------|------------|-------|-------|-------|
|                 | A          | B     | C     | D     |
| 04              | 8.86       | 6.11  | 3.81  | 7.41  |
| 06              | 11.40      | 8.65  | 6.35  | 9.95  |
| 08              | 13.94      | 11.19 | 8.89  | 12.49 |
| 10              | 16.48      | 13.73 | 11.43 | 15.03 |
| 12              | 19.02      | 16.27 | 13.97 | 17.57 |
| 14              | 21.56      | 18.81 | 16.51 | 20.11 |
| 16              | 24.10      | 21.35 | 19.05 | 22.65 |
| 18              | 26.64      | 23.89 | 21.59 | 25.19 |
| 20              | 29.18      | 26.43 | 24.13 | 27.73 |
| 22              | 31.72      | 28.97 | 26.67 | 30.27 |
| 24              | 34.26      | 31.51 | 29.21 | 32.81 |
| 26              | 36.80      | 34.05 | 31.75 | 35.35 |



SECTION A-A



Recommended PCB Layout  
 (PCB TOLERANCE ±0.1)

Old Part No.:1271S-XXTB-U

|                                                                                                                                                                                 |                      |                                |             |      |                              |                     |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------|-------------|------|------------------------------|---------------------|-------------------|
| <br>糧德精密有限公司<br>Amtek Technology Co., Ltd.<br>TEL: 886-2-2260-6878<br>FAX: 886-2-2260-8030 | 品名<br>TITLE          | 1.27mm IDC Connector 180° Type |             |      |                              | 頁數<br>Page          | 1/1               |
|                                                                                                                                                                                 | 品號<br>PART NO.       | 5W1271S1-1XXT0BTUM01           |             |      |                              | 繪圖<br>DRAWN         | Joe<br>2010/09/16 |
|                                                                                                                                                                                 | 圖號<br>DRAWING NO.    | GN003-EL100                    | 版本<br>REV.  | C    | 核對<br>CHECKED                | Josh<br>2017/12/19  |                   |
|                                                                                                                                                                                 | 客戶品號<br>CUSTOMER P/N |                                | 比例<br>SCALE | None | 承認<br>APPROVED               | Jason<br>2017/12/19 |                   |
|                                                                                                                                                                                 | 公差<br>TOLERANCE      | .X ± 0.20<br>.XX ± 0.15        | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |                     |                   |

|       |                                                         |         |            |
|-------|---------------------------------------------------------|---------|------------|
| REV.  | ECN NO. OR DESCRIPTION                                  | REVISED | DATE       |
| △C x4 | ECN NO:201201 Remove package: R: T/R With Cap & Cap.    | Alice   | 2020/12/16 |
| △B x2 | Add the drawing of cap, add a package: R: T/R With Cap. | Gary    | 2017/12/19 |