

RECOMMEND PCB LAYOUT thickness:1.60mm

PCB TOLERANCE: ± 0.05

Unless otherwise specified tolerance:

X.	± 0.50	X. °	$\pm 3^\circ$
.X	± 0.38	.X°	$\pm 2^\circ$
.XX	± 0.25		

Performance characteristics:

1. Main body part material

Insulator: LCP Black UL94V-0

Contact terminal: Brass, 1.27 μm Ni under plated,
outer plating contacts area Au 0.76 μm ,
tail Sn3~5 μm .

Power Pin: Brass, 1.27 μm Ni under plated, outer plating
contacts area gold flash, tail Sn3~5 μm .

2. Electrical requirements:

Current rating: 1.5 A

Contact resistance: $\leq 30 \text{ m}\Omega$

Insulation resistance: $\geq 1000 \text{ M}\Omega$

Withstanding voltage: 500 V.r.m.s., 1mA, 60s

3. Mechanical requirements

Retention force: $\geq 5 \text{ N/pin}$

Mechanical life: 100 cycles

4. Environment specification

Working temperature: $-35^\circ\text{C} \sim +85^\circ\text{C}$




5. Packing & storing

Method of packing: Tray, outer box

Storing condition: temperature of $-10^\circ\text{C} \sim +40^\circ\text{C}$
below 80% relative humidity

6. Style of installation: Solder PCB installation

7. To prevent the pollution of the environment product
info: In line with the european union RoHS

					SATA 7 Pin + 2 Power pin Male Connector	SL0. 1877. 003			
						Projection	Rev.	Weight	Scale
Mark	NO.	File NO.	Signature	Date			A0		
DRAW	LinZhao 2017. 01. 17					All Dimensions in  Sheet 1 of 1			
CHK	Tim2017.2.15				1877-07C-58-3	 SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			
MAN									
STD	Spring2017.2.17								
APP	Alan2017.2.17								