



Recommended PCB Layout
Tolerance ± 0.05

Performance characteristics:

1. Main body part material
Insulator: LCP black UL94V-0
Contact terminal: Phosphor bronze, Ni 1.27 μm under plated, contact area plated Au 0.76 μm , tail plated gold flash
2. Electrical requirements:
Current rating: 2 A
Contact resistance: $\leq 20 \text{ m}\Omega$
Insulation resistance: $\geq 1000 \text{ M}\Omega$
Withstanding voltage: 500 V r.m.s., 1mA, 60s
3. Mechanical requirements
Insertion force: $\leq 1.8 \text{ N/pin}$
Extraction force: $\geq 0.2 \text{ N/pin}$
Retention force: $\geq 3 \text{ N/pin}$
4. Environment specification
Working temperature: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
Humidity: $\leq 93\%$ at 40°C
Resistance to soldering heat: 260°C , 30s
5. Packing & storing
Method of packing: tape & reel, outer box
Storing condition: temperature of $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$
below 80% relative humidity
6. Style of installation: SMT
7. To prevent the pollution of the environment product info
RoHS agreement: In line with the European Union RoHS.

Unless otherwise specified tolerance:

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

					2.00mm pitch double row socket SMT 2x16Pin	SLO.1297.003			
						Projection	Rev.	Weight	Scale
Mark	NO.	File NO.	Signature	Date			B0		
DRAW	Tim Lv 2018.11.21				1297-162-D4-3	All Dimensions in mm			Sheet 1 of 1
CHK	Lawrence2018.11.27								
MAN									
STD	Spring2018.11.28								
APP	Alan2018.11.28								
						 SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			