

Performance characteristics:

1. Main body part material

Housing: PA46 black UL94V-0

Contact terminal: brass, 1.27~2μm Ni under plated,
outer plating see part number rule

2. Electrical requirements:

Current rating: 5A/pin

Voltage rating: 250 V

Contact resistance: ≤10 mΩ

Insulation resistance: ≥1000 MΩ

Withstanding voltage: 1500 Vr.m.s, 1mA, 60s

3. Mechanical requirements

Retention force: ≥10 N/pin

4. Environment specification

Working temperature: -40℃~105℃

Humidity: ≤93% at 40℃

Resistance to soldering heat: 265℃±5℃, 10s

5. Packing & storing

Method of packing: plastic bag, outer box

Storing condition: temperature of -10℃~+40℃
below 80% relative humidity

6. Style of installation: solder pcb installation (THT)

7. To prevent the pollution of the environment product info

RoHS agreement: In line with the European Union RoHS.

Terminal Number	DIM "A"	DIM "B"
2	3.96	7.92
3	7.92	11.88
4	11.88	15.84
5	15.84	19.80
6	19.80	23.76
7	23.76	27.72
8	27.72	31.68
9	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52

Series code		Terminal number		Spec code		Spec code		Plating code		Insulator material & color	
1900 - XX		02~12		Code Definition		Code Definition		Code Definition		Code Definition	
1		1		1 Straight Male THT		3 L=3.5		B Contact area Tail		F PA46 Black UL94V-0	
3		X		X Customized		X Customized		X Matte Sn 3~5μm Customized		X Customized	

				SL0. 1900. 003			
				Projection	Rev.	Weight	Scale
					A0		
				All Dimensions in mm Sheet 1 of 1			
				SHINNING SHENZHEN SHINNING ELECTRONIC CO. LTD.			

3.96mm Pitch Wafer Sigle Row
Straight Male With Lock

1900-XX1-3X-F

Unless otherwise specified tolerance:

X.	±0.50	X.°	±3°
.X	±0.38	.X°	±2°
.XX	±0.25		

RECOMMENDED PCB LAYOUT

