

Performance characteristics:

1. Main body part material

Insulator: see part number rule

Contact terminal: Brass, 1.27 μ m Ni under plated,
outer plating see part number rule

2. Electrical requirements:

Current rating: 3 A

Voltage rating: 250 V

Contact resistance: ≤ 20 m Ω

Insulation resistance: ≥ 1000 M Ω

Withstanding voltage: 1000 Vr.m.s, 1mA, 60s

3. Mechanical requirements

Retention force: ≥ 10 N/pin

4. Environment specification

Working temperature: -40 $^{\circ}$ C ~ +105 $^{\circ}$ C

Humidity: $\leq 93\%$ at 40 $^{\circ}$ C

Resistance to soldering heat: 245 $^{\circ}$ C $\pm 5^{\circ}$ C, 10s (PBT insulator)
260 $^{\circ}$ C $\pm 5^{\circ}$ C, 10s (LCP insulator)

5. Packing & storing

Method of packing: tray, outer box

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



6. Style of installation: solder pcb installation

7. To prevent the pollution of the environment product info

RoHS agreement: In line with the european union RoHS.

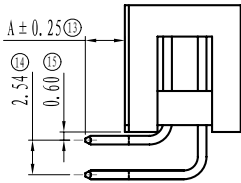
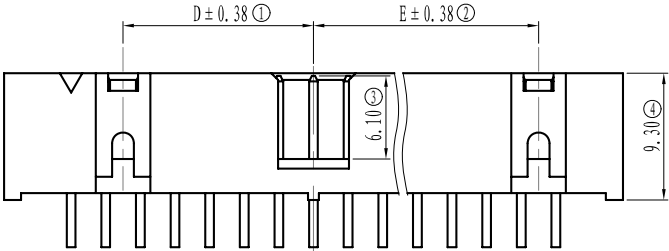
1236-XX X - X X - X

Series code		Terminal number		Tail length		Tail type		Plating code		Insulator material & color	
Code	Definition	Code	Definition	Code	Definition	Code	Definition	Code	Definition	Code	Definition
1	2.90	1	Straight male	5	Gold flash Sn	1	PBT Black UL94V-0				
2	3.60	2	Right angle	6	Au 0.25 μ m Sn	3	LCP Black UL94V-0				
X	Customized	X	Customized	7	Au 0.38 μ m Sn	X	Customized				
				8	Au 0.76 μ m Sn						
				X	Customized						

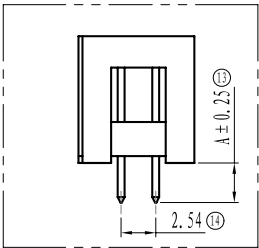
①	2	90293	孔德宇	2016-1-29	2.54mm Pitch box	SL0. 1236. 100			
②	1	SN-00001404	Kevin	2011-12-05		Projection	Rev.	Weight	Scale
③	1	SN-00000242	Tim Lv	2010-09-27			A3		
Mark	NO.	File NO.	Signature	Date		All Dimensions in mm			
DRAW	Lei 2009-2-18				1236-XXX-XX-X	Sheet 1 of 1			
CHK									
MAN									
STD									
APP					 SHINNING SHENZHEN SHINNING ELECTRONIC CO., LTD.				

Unless otherwise specified tolerance:

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



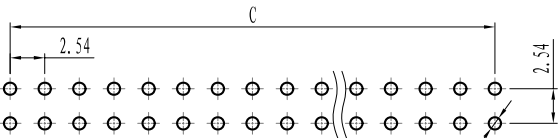
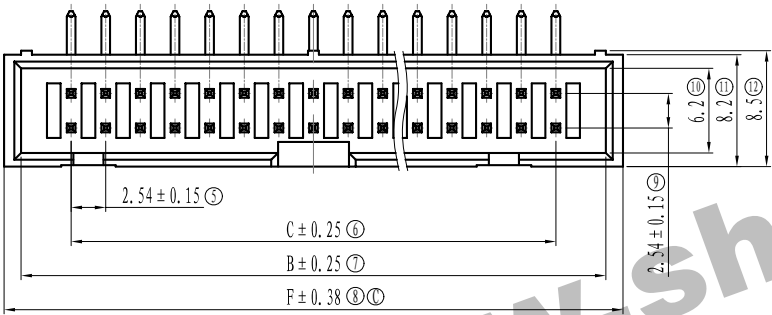
Right angle DIP type



Straight male DIP type

Size table:

Pin number	B	C	D	E	F ①	P/N
2X5 Pin	17.52	10.16	-	3.81	20.00	1236-10X-XX-X
2X5 Pin	17.52	10.16	-	-	20.00	1236-10X-XX-X
2X7 Pin	22.60	15.24	-	6.35	25.10	1236-14X-XX-X
2X8 Pin	25.14	17.78	5.08	7.62	27.60	1236-16X-XX-X
2X10 Pin	30.22	22.86	7.62	10.16	32.70	1236-20X-XX-X
2X13 Pin	37.84	30.48	11.43	13.97	40.30	1236-26X-XX-X
2X15 Pin	42.92	35.56	13.97	16.51	45.40	1236-30X-XX-X
2X17 Pin	48.00	40.64	16.51	19.05	50.50	1236-34X-XX-X
2X20 Pin	55.62	48.26	20.32	22.86	58.10	1236-40X-XX-X



Referenced PCB LAYOUT
tolerance: ± 0.05

Ø0.9 $^{+0.1}_{-0}$