

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: 1 A
Voltage rating: 250 V
Contact resistance: $\leq 20\text{ m}\Omega$
Insulation resistance: $\geq 1000\text{ M}\Omega$
Withstanding voltage: 1000 Vr.m.s, 1mA, 60s

3.Mechanical requirements
Retention force: $\geq 10\text{N/pin}$

4.Environment specification
Working temperature: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$
Humidity: $\leq 93\%$ at 40°C
Resistance to soldering heat: $245^{\circ}\text{C}\pm 5^{\circ}\text{C}$, 10s (PBT insulator)
 $260^{\circ}\text{C}\pm 5^{\circ}\text{C}$, 10s (LCP insulator)

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
RoHS agreement: In line with the european union RoHS.

Size table:

Pin number	A	B	C	D	E
2X5 Pin	20.00	17.52	10.16	-	3.81
2X5 Pin	20.00	17.52	10.16	-	-
2X7 Pin	25.10	22.60	15.24	-	6.35
2X8 Pin	27.60	25.14	17.78	5.08	7.62
2X10 Pin	32.70	30.22	22.86	7.62	10.16
2X13 Pin	40.30	37.84	30.48	11.43	13.97
2X15 Pin	45.40	42.92	35.56	13.97	16.51
2X17 Pin	50.50	48.00	40.64	16.51	19.05
2X20 Pin	58.10	55.62	48.26	20.32	22.86

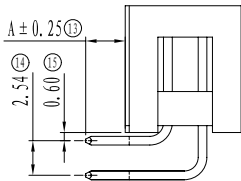
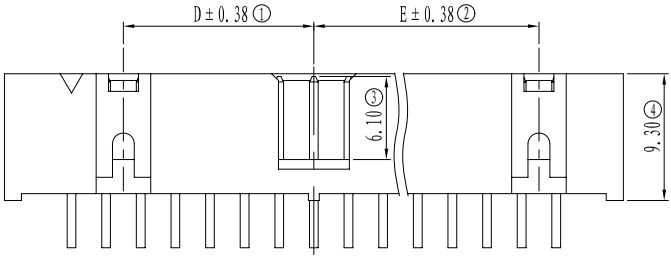
c236 - XX X - X X - X

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	A	1	Straight male	1	2.90	1	Right angle	5	Gold flash Sn	1	PBT Black UL94V-0
2	2.90	2	Right angle	2	3.60	6	Au 0.25 μ m Sn	3	LCP Black UL94V-0	X	Customized
X	Customized	X	Customized	X	Customized	7	Au 0.38 μ m Sn	X	Customized		
						8	Au 0.76 μ m Sn				
						X	Customized				

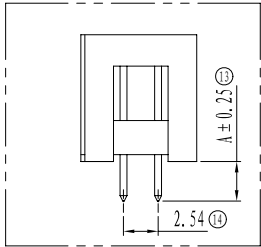
					2.54mm Pitch box		wrj-c236			
①	1	SN-00001404	Kevin	2011-12-05			Projection	Rev.	Weight	Scale
②	1	SN-00000242	Tim Lv	2010-09-27				A2		
Mark	NO.	File NO.	Signature	Date			All Dimensions in mm Sheet 1 of 1			
DRAW	Lei 2009-2-18									
CHK										
MAN										
STD										
APP										

c236-xxx-xx-x

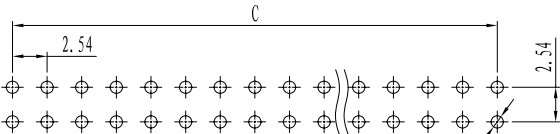
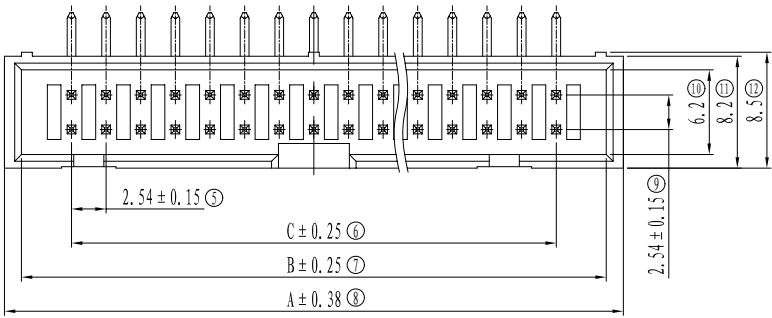
深圳市威尔杰电子有限公司



Right angle DIP type



Straight male DIP type



Referenced PCB LAYOUT
tolerance: ± 0.05

$\&0.9^{+0.1}_0$

Unless otherwise specified tolerance:

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