



**Ordering Information:**

A2541WV-XP - \*\*\* - \* - \* - \*\*\*  
 1 2 3 4 5

1.Part No.

2.Size(H):

- (blank): 2.54mm
- H15: 1.50mm
- H17: 1.70mm
- H20: 2.00mm
- H30: 3.00mm

3.Style:

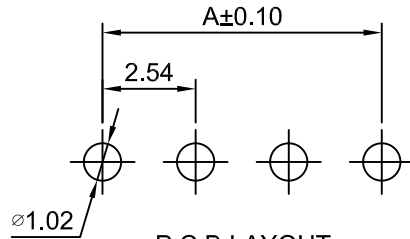
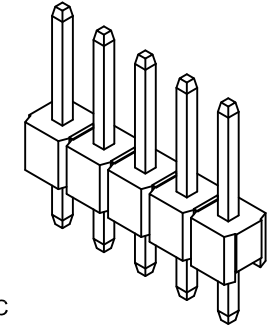
- (blank): Type 1
- K: Type 2

4.Material:

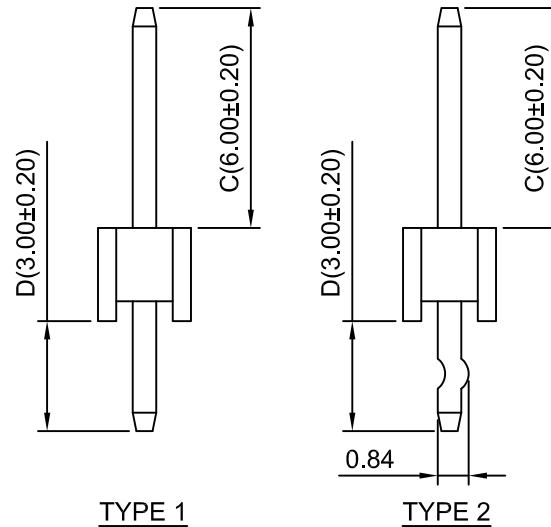
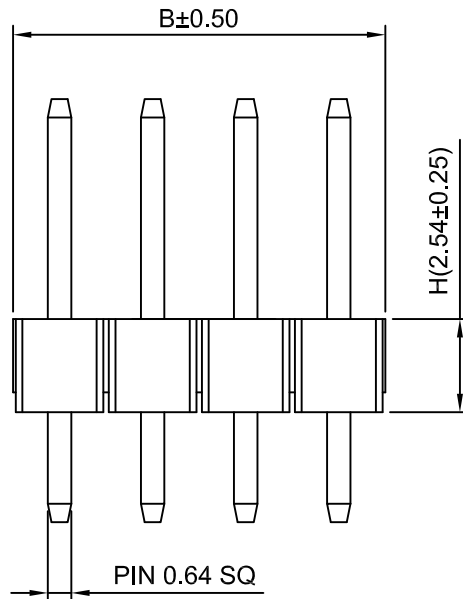
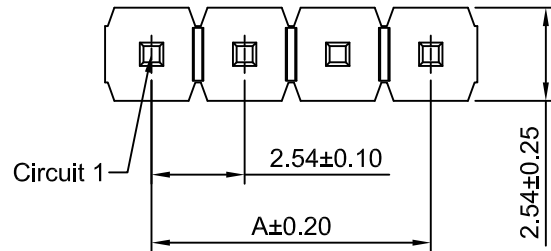
- (blank): PBT,UL94V-0
- GN: PBT,UL94V-0 (Green)
- NAT: PBT,UL94V-0 (Natural)
- 6T: Nylon 6T,UL94V-0
- GWT: Nylon 6T,UL94V-0,GWT 750°C

5.Finish:

- (blank): Gold over Nickel
- G10: Gold over Nickel(Au:10u")
- G15: Gold over Nickel(Au:15u")
- G30: Gold over Nickel(Au:30u")
- T: Tin over Nickel



**P.C.B LAYOUT**  
TOLERANCE:±0.05



**SPECIFICATIONS:**

- Current Rating: 3A AC,DC
- Voltage Rating: 250V AC,DC
- Temperature Range: -40°C ~ +105°C
- Contact Resistance: 20mΩ Max
- Insulation Resistance: 1000MΩ Min
- Withstanding Voltage: 1500V AC/minute
- Pin Material:Brass/Gold over Nickel
- Material:PBT,UL94V-0 (Black)

**Ordering Information & Dimensions**

Circuits	Dimensions (mm)		Circuits	Dimensions (mm)		Circuits	Dimensions (mm)	
	A	B		A	B		A	B
1P	---	2.54	15P	35.56	38.10	29P	71.12	73.66
2P	2.54	5.08	16P	38.10	40.64	30P	73.66	76.20
3P	5.08	7.62	17P	40.64	43.18	31P	76.20	78.74
4P	7.62	10.16	18P	43.18	45.72	32P	78.74	81.28
5P	10.16	12.70	19P	45.72	48.26	33P	81.28	83.82
6P	12.70	15.24	20P	48.26	50.80	34P	83.82	86.36
7P	15.24	17.78	21P	50.80	53.34	35P	86.36	88.90
8P	17.78	20.32	22P	53.34	55.88	36P	88.90	91.44
9P	20.32	22.86	23P	55.88	58.42	37P	91.44	93.98
10P	22.86	25.40	24P	58.42	60.96	38P	93.98	96.52
11P	25.40	27.94	25P	60.96	63.50	39P	96.52	99.06
12P	27.94	30.48	26P	63.50	66.04	40P	99.06	101.60
13P	30.48	33.02	27P	66.04	68.58			
14P	33.02	35.56	28P	68.58	71.12			

SHENZHEN KINGHELM ELECTRONIC CO., LTD.			WWW. BDS666.COM	
KH-A2541WV-18P			0755-83044319	
Unit	Scale	Sheet	TITLE	
mm	5:1	1 of 1	2.54mm PLTCH 180° SINGLE ROW PIN HEADER	
DRWN	CHK'D	APPR	DRAWING NO.	
Dengchun Yi	Dlankul Wan	Jack Yin	A2541WV-XP	
General Tolerances		THIRD ANGLE PROJECTION	REV	
x.x±0.25			A4	
x.xx±0.20				
x.xxx±0.15				
ANGLES ±1°				

REV	DESCRIPTION	DATE
A4	CHANGE THE DRAWING	2020.09.02
A3	CHANGE THE DRAWING	2020.01.13
A2	CHANGE THE INFORMATION	2019.04.29
A1	UPDATED VERSION	2018.03.30
A0	NEW RELEASE	2009.05.10