


### Connector Product Number

A1251    **    #    -NP    * - **					
①	②	③	④	⑤	⑥
① Series No : A1251	② Connection Type H0 : Terminal socket WV : Straight-angle wafer WR : Right-angle wafer		④ No. of contacts (NP) NP : Single row		⑥ Void crct./ Insulating mtrl. (A~Z)# : Void pin 6T* : HT Polyamide resin  Contact Post finish (Blank) : As specified 5e : Matte-tin over Nickel 0* : Gold over Nickel
③ Flame Class 2 : UL Rated 94V-0 (HSG) 0 : UL Rated 94V-0 (WFR)			⑤ Product color / Mount type Blank : Natural color (HSG) Blank : DIP-type wafer S : SMT-type wafer		


Note: \* (eg. 0, A, B...) designates Au-plate thickness identification.  
For availability, delivery and MOQ, contact JWT.

### Specifications:

Poles	2~15 Poles
Pitch between poles	1.25mm
Rated Voltage	125V AC,DC
Rated Current	1A (AWG #28)
Withstand Voltage	250V AC/minute
Contact Resistance	20mΩ (MAX.)
Insulation Resistance	100MΩ (MIN.)
Temperature Range	-40°~+85°C
Applicable Wire Range	AWG #28~#32

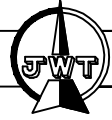
 UL Recognized No. E144544

 CSA: Certified No. LR78619

 RoHS II-specification and Halogen-free products.

Note: Not applicable to all parts. For specific safety and compliance issues, contact JWT for details.

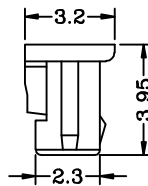
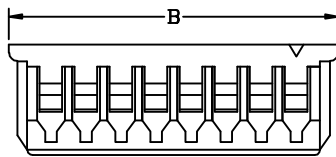
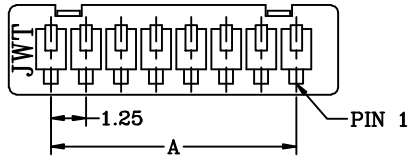
# A1251 Series 1.25mm pitch crimp terminal socket



## Features:

- \* Material : Nylon 66 (+GF) / PBT UL 94V-0 (White)
- \* Suitable for JWT A1251 series terminal
- \* JWT P/N : A1251H02-NP\*-\*\*

## Dimensional Information:

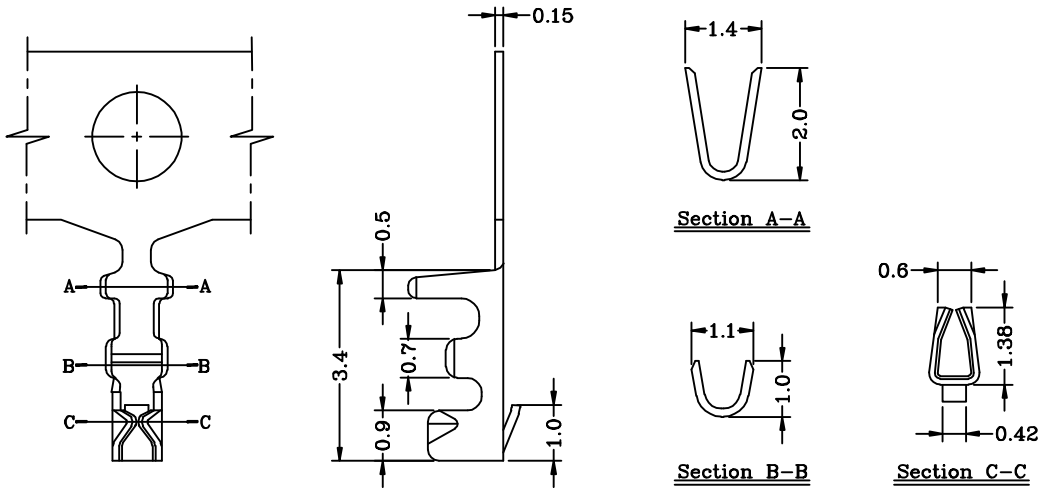


Circuits	Dimensions		Pcs/Bag
	A	B	
2	1.25	4.25	1000
3	2.50	5.50	1000
4	3.75	6.75	1000
5	5.00	8.00	1000
6	6.25	9.25	1000
7	7.50	10.50	1000
8	8.75	11.75	1000
9	10.00	13.00	1000
10	11.25	14.25	1000
11	12.50	15.50	1000
12	13.75	16.75	1000
13	15.00	18.00	1000
14	16.25	19.25	1000
15	17.50	20.50	1000

# A1251 Series 1.25mm pitch crimp terminal

## Features:

- \* Used in JWT A1251 series socket

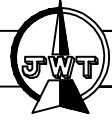


## Specification & Ordering Information:

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1251TOP-2	AWG #28~#32	1.00mm(max)	Phosphor bronze	Tin-plated	15,000 pcs
A1251TOP-0*	AWG #28~#32	1.00mm(max)	Phosphor bronze	Au over Nickel	15,000 pcs

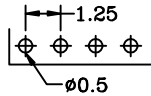
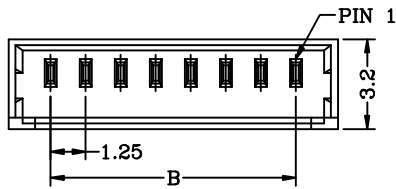
Note: \* (eg. 0, A, B...) designates Au-plate thickness identification.  
For availability, delivery and MOQ, contact JWT.

# A1251 Series 1.25mm pitch (V-DIP) wafer

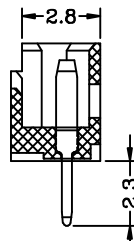
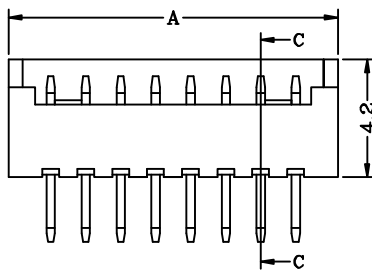


## Features:

- \* Material : Insulator: PBT UL 94V-0 +15%GF / PA6T UL 94V-0  
Contact Post: 0.30mm<sup>t</sup> Phosphor Bronze, Tin-plated
- \* Mates with JWT A1251 series socket
- \* JWT P/N : A1251WV0-NP-\*\*\*



P.C.B LAYOUT



Section C-C

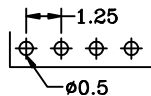
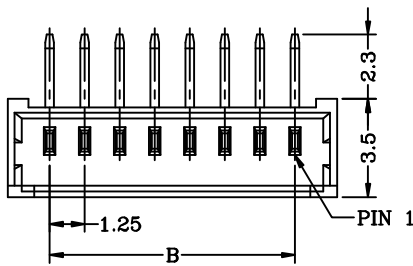
## Dimensional Information:

Circuits	Dimensions		Pcs/Bag
	A	B	
2	4.25	1.25	1000
3	5.50	2.50	1000
4	6.75	3.75	1000
5	8.00	5.00	1000
6	9.25	6.25	1000
7	10.50	7.50	1000
8	11.75	8.75	1000
9	13.00	10.00	1000
10	14.25	11.25	1000
11	15.50	12.50	1000
12	16.75	13.75	1000
13	18.00	15.00	1000
14	19.25	16.25	1000
15	20.50	17.50	1000

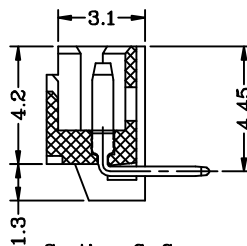
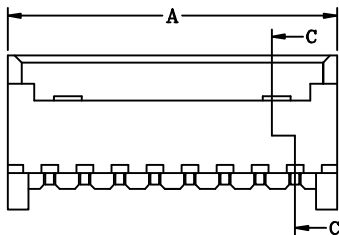
# A1251 Series 1.25mm pitch (R-DIP) wafer

## Features:

- \* Material : Insulator: PBT UL 94V-0 +15%GF / PA6T UL 94V-0  
Contact Post: 0.30mm<sup>t</sup> Phosphor Bronze, Tin-plated
- \* Mates with JWT A1251 series socket
- \* JWT P/N : A1251WR0-NP-\*\*\*



P.C.B LAYOUT

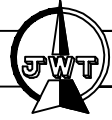


Section C-C

## Dimensional Information:

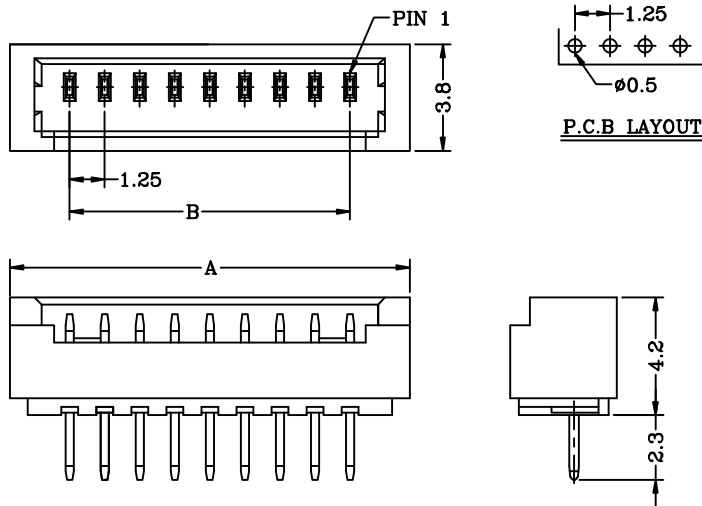
Circuits	Dimensions		Pcs/Bag
	A	B	
2	4.25	1.25	1000
3	5.50	2.50	1000
4	6.75	3.75	1000
5	8.00	5.00	1000
6	9.25	6.25	1000
7	10.50	7.50	1000
8	11.75	8.75	1000
9	13.00	10.00	1000
10	14.25	11.25	1000
11	15.50	12.50	1000
12	16.75	13.75	1000
13	18.00	15.00	1000
14	19.25	16.25	1000
15	20.50	17.50	1000

# A1251 Series 1.25mm pitch (V-DIP) wafer



## Features:

- \* Material : Insulator: Nylon 6T UL 94V-0 (Milky Yellow)  
Contact Post: 0.30mm<sup>t</sup> Phosphor Bronze, Tin-plated
- \* Mates with JWT A1251 series socket
- \* JWT P/N : A1251WV0-NP-6T2-\*\*



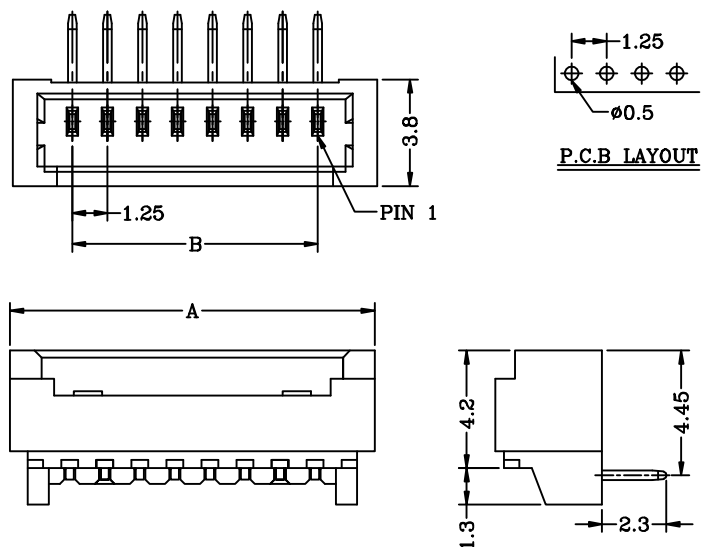
## Dimensional Information:

Circuits	Dimensions		Pcs/Bag
	A	B	
2	5.50	1.25	1000
3	6.75	2.50	1000
4	8.00	3.75	1000
5	9.25	5.00	1000
6	10.50	6.25	1000
7	11.75	7.50	1000
8	13.00	8.75	1000
9	14.25	10.00	1000
10	15.50	11.25	1000
11	16.75	12.50	1000
12	18.00	13.75	1000
13	19.25	15.00	1000
14	20.50	16.25	1000
15	21.75	17.50	1000

# A1251 Series 1.25mm pitch (R-DIP) wafer

## Features:

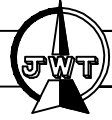
- \* Material : Insulator: Nylon 6T UL 94V-0 (Milky Yellow)  
Contact Post: 0.30mm<sup>t</sup> Phosphor Bronze, Tin-plated
- \* Mates with JWT A1251 series socket
- \* JWT P/N : A1251WR0-NP-6T2-\*\*



## Dimensional Information:

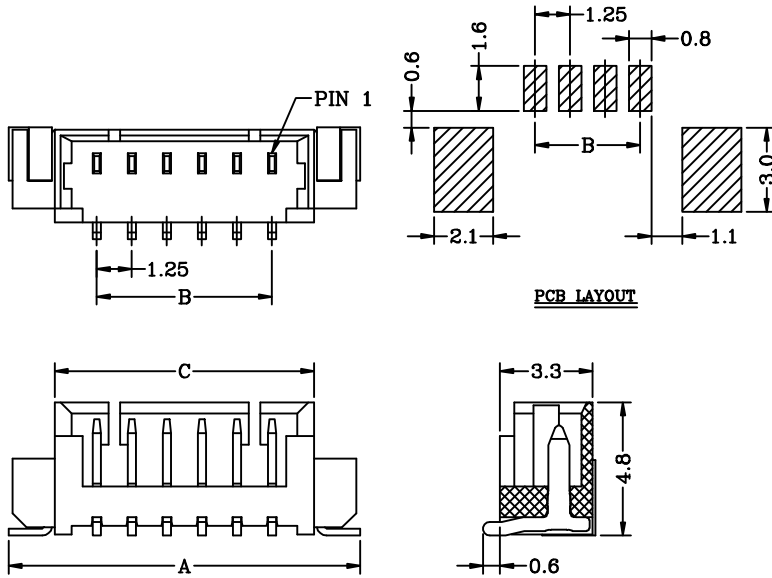
Circuits	Dimensions		Pcs/Bag
	A	B	
2	5.50	1.25	1000
3	6.75	2.50	1000
4	8.00	3.75	1000
5	9.25	5.00	1000
6	10.50	6.25	1000
7	11.75	7.50	1000
8	13.00	8.75	1000
9	14.25	10.00	1000
10	15.50	11.25	1000
11	16.75	12.50	1000
12	18.00	13.75	1000
13	19.25	15.00	1000
14	20.50	16.25	1000
15	21.75	17.50	1000

# A1251 Series 1.25mm pitch (V-SMT) wafer



## Features:

- \* Material : Insulator: Nylon 6T UL 94V-0 (Milky Yellow)  
Contact Post: 0.30mm<sup>t</sup> Phosphor Bronze, Tin-plated  
Solder Tab: 0.25mm<sup>t</sup> Brass, Tin-plated
- \* Mates with JWT A1251 series socket
- \* JWT P/N : A1251WV0-NPS\*-\*\*



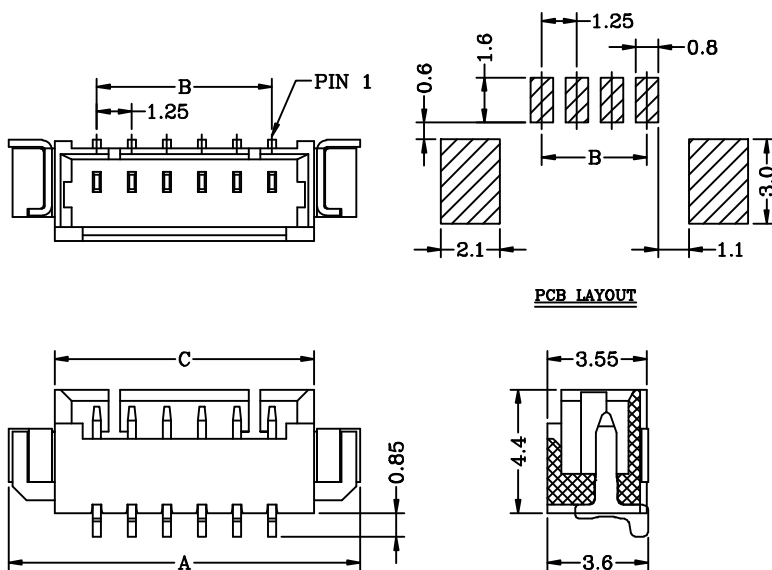
## Dimensional Information:

Circuits	Dimensions			Pcs/Reel
	A	B	C	
2	7.55	1.25	4.25	1000
3	8.80	2.50	5.50	1000
4	10.05	3.75	6.75	1000
5	11.30	5.00	8.00	1000
6	12.55	6.25	9.25	1000
7	13.80	7.50	10.50	1000
8	15.05	8.75	11.75	1000
9	16.30	10.00	13.00	1000
10	17.55	11.25	14.25	1000
11	18.80	12.50	15.50	1000
12	20.05	13.75	16.75	1000
13	21.30	15.00	18.00	1000
14	22.55	16.25	19.25	1000
15	23.80	17.50	20.50	1000

# A1251 Series 1.25mm pitch (R-SMT) wafer

## Features:

- \* Material : Insulator: Nylon 6T UL 94V-0 (Milky Yellow)  
Contact Post: 0.30mm<sup>t</sup> Phosphor Bronze, Tin-plated  
Solder Tab: 0.25mm<sup>t</sup> Brass, Tin-plated
- \* Mates with JWT A1251 series socket
- \* JWT P/N : A1251WR0-NPS\*-\*\*



## Dimensional Information:

Circuits	Dimensions			Pcs/Reel
	A	B	C	
2	7.55	1.25	4.25	1000
3	8.80	2.50	5.50	1000
4	10.05	3.75	6.75	1000
5	11.30	5.00	8.00	1000
6	12.55	6.25	9.25	1000
7	13.80	7.50	10.50	1000
8	15.05	8.75	11.75	1000
9	16.30	10.00	13.00	1000
10	17.55	11.25	14.25	1000
11	18.80	12.50	15.50	1000
12	20.05	13.75	16.75	1000
13	21.30	15.00	18.00	1000
14	22.55	16.25	19.25	1000
15	23.80	17.50	20.50	1000