

### Connector Product Number

A1003			**	#	-2xNP	*	-**
①	②	③	④	⑤	⑥		
① Series No : A1003	② Connection Type H0 : Terminal socket WV : Straight-angle wafer	③ Flame Class 0 : UL Rated 94V-0	④ No. of contacts 2xNP : Dual row	⑤ Product color / Mount type Blank : Natural color SBS : SMT-type wafer (with Boss)	⑥ Void circuit(s) (A~Z)# : Void pin  Contact Post finish (Blank) : As specified 5e : Matte-tin over Nickel 0* : Gold over Nickel		
						⑥ HF : Halogen-free products 66 : Nylon 66-V0 material	

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

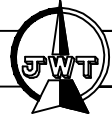
### Specifications:

Poles	10~50 Poles
Pitch between poles	1.00mm
Rated Voltage	100V AC,DC
Rated Current	0.9A (AWG #30)
	0.7A (AWG #32)
Withstand Voltage	300V AC/minute
Contact Resistance	40mΩ (MAX.)
Insulation Resistance	500MΩ (MIN.)
Temperature Range	-35~+85°C
Applicable Wire Range	AWG #30~#32

UL Recognized No. E144544  
 RoHS II-specification and  
 Halogen-free products.

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

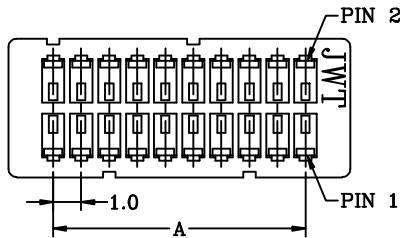
# A1003 Series 1.00mm pitch dual row terminal socket



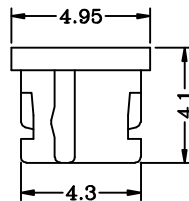
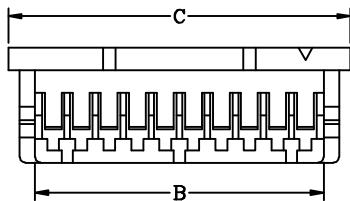
## Features:

- \* Material : Nylon 66 UL 94V-0 +15%GF (Grey) or Nylon 66 UL 94V-0 (White)
- \* Suitable for JWT A1003 series terminal
- \* JWT P/N : A1003H00-2xNP-\*\*

## Dimensional Information:



Circuits	Dimensions			Pcs/Bag
	A	B	C	
10	4.0	5.3	7.2	1000
12	5.0	6.3	8.2	1000
16	7.0	8.3	10.2	1000
20	9.0	10.3	12.2	1000
30	14.0	15.3	17.2	1000
40	19.0	20.3	22.2	1000
50	24.0	25.3	27.2	1000

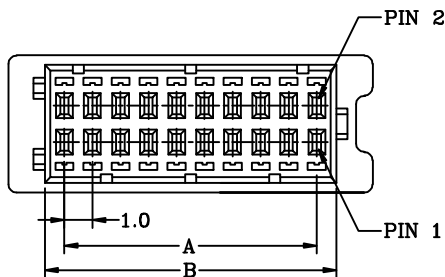


# A1003 Series 1.00mm pitch dual row terminal socket

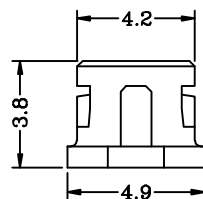
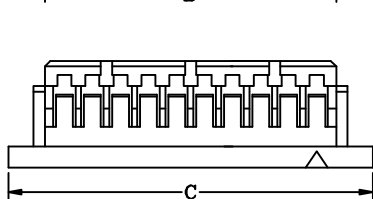
## Features:

- \* Material : Nylon 66 UL 94V-0 (Black)
- \* Suitable for JWT A1003 series terminal
- \* JWT P/N : A1003H00-2xANP-\*\*

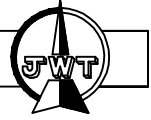
## Dimensional Information:



Circuits	Dimensions			Pcs/Bag
	A	B	C	
10	4.0	5.4	8.0	1000
12	5.0	6.4	9.0	1000
16	7.0	8.4	11.0	1000
20	9.0	10.4	13.0	1000
30	14.0	15.4	18.0	1000
40	19.0	20.4	23.0	1000
50	24.0	25.4	28.0	1000

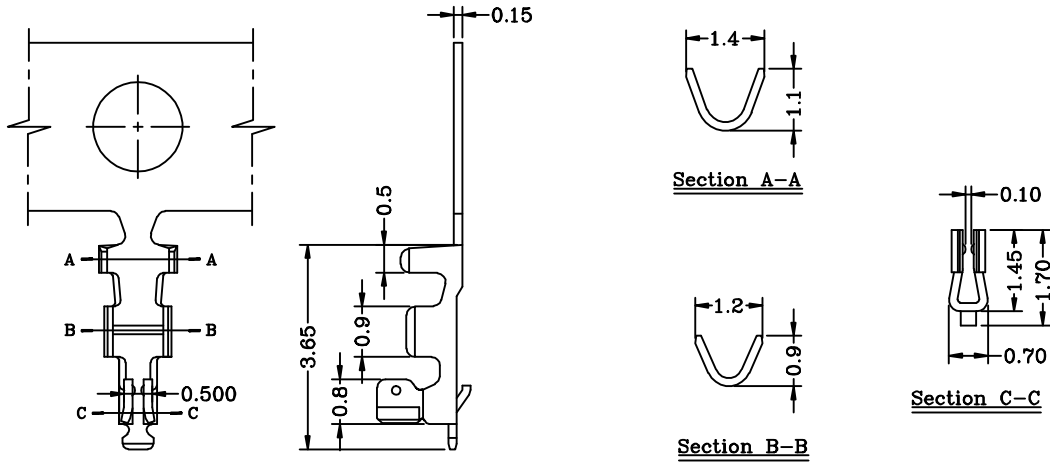


# A1003 Series 1.00mm pitch crimp terminal



Features:

- \* Used in JWT A1003 series socket



Specification & Ordering Information:

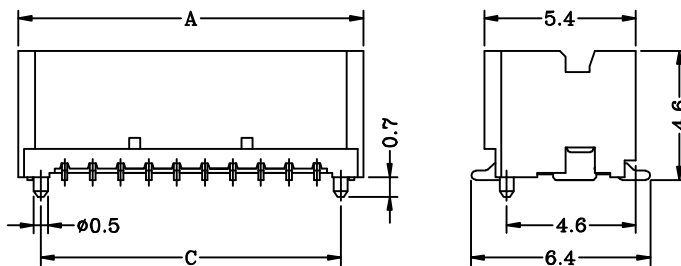
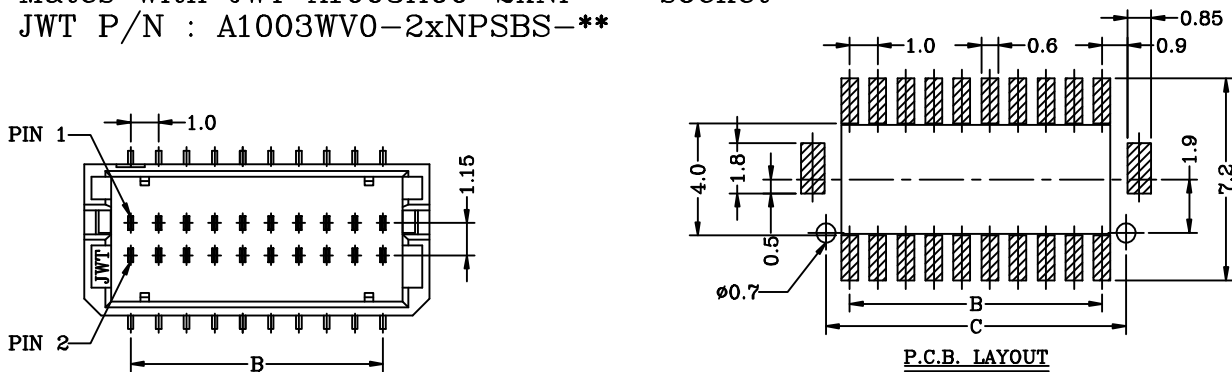
Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1003TOP-2	AWG #30~#32	0.60mm(max)	Phosphor bronze	Tin-Plated	20,000 pcs
A1003TOP-0*	AWG #30~#32	0.60mm(max)	Phosphor bronze	Au over Nickel	20,000 pcs

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

# A1003 Series 1.00mm pitch dual row (V-SMT) wafer

Features:

- \* Material : Insulator: Nylon 6T UL 94V-0 (Milky Yellow)  
Contact Post: 0.20mm<sup>t</sup> Phosphor Bronze, Gold-plated  
Solder Tab: 0.20mm<sup>t</sup> Brass, Tin-plated
- \* Mates with JWT A1003H00-2xNP-\*\* socket
- \* JWT P/N : A1003WV0-2xNPSBS-\*\*



Dimensional & Ordering Information:

Circuits	Dimensions			Pcs/Reel
	A	B	C	
10	7.3	4.0	5.7	1000
12	8.3	5.0	6.7	1000
16	10.3	7.0	8.7	1000
20	12.3	9.0	10.7	1000
30	17.3	14.0	15.7	1000
40	22.3	19.0	20.7	1000
50	27.3	24.0	25.7	1000