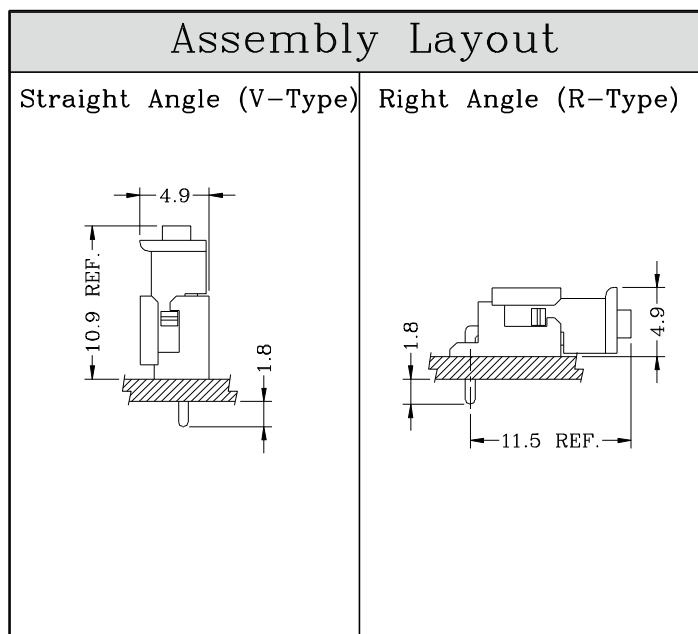
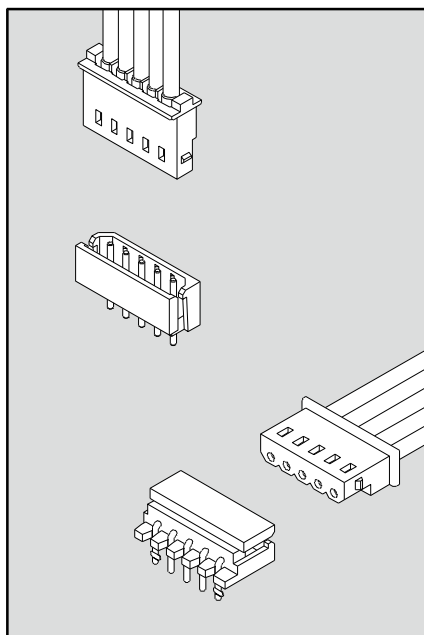




A

Connector Product Number

A2505 ** # -NP * - ** - **					
①	②	③	④	⑤	⑥
① Series No : A2505	② Connection Type H0 : Terminal socket WV : Straight-angle wafer WR : Right-angle wafer		④ No. of contacts (NP) NP : Single row	⑥ Contact Post finish (Blank) : As specified 5e : Matte-tin over Nickel 0* : Gold over Nickel	
③ Flame Class 2 : UL Rated 94V-0			⑤ Product color Blank : As specified (A~Z) : Other colors		
			⑥ Insulating material 6T : Nylon 6T UL 94V-0	⑥ Void circuit / Others (A~Z)# : Void pin	

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

Specifications:

Poles	2~16 Poles
Pitch between poles	2.50mm
Rated Voltage	250V AC,DC
Rated Current	3A (AWG #22)
Withstand Voltage	1000V AC/minute
Contact Resistance	20mΩ (MAX.)
Insulation Resistance	1,000MΩ (MIN.)
Temperature Range	-25~+85°C
Applicable Wire Range	AWG #22~#28

 UL Recognized No. E144544



RoHS II-specification and
Halogen-free products.

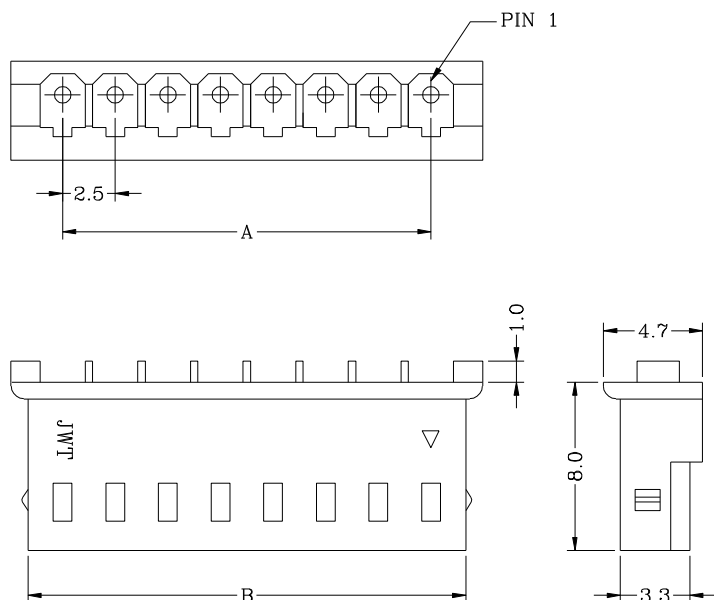
Note: Not applicable to all parts. For specific safety
and compliance issues, contact JWT for details.



A2505 Series 2.50mm pitch crimp terminal socket

Features:

- * Material : Nylon 66 UL 94V-0 (Milky Yellow)
- * Suitable for JWT A2505 series terminal
- * JWT P/N : A2505H02-NP



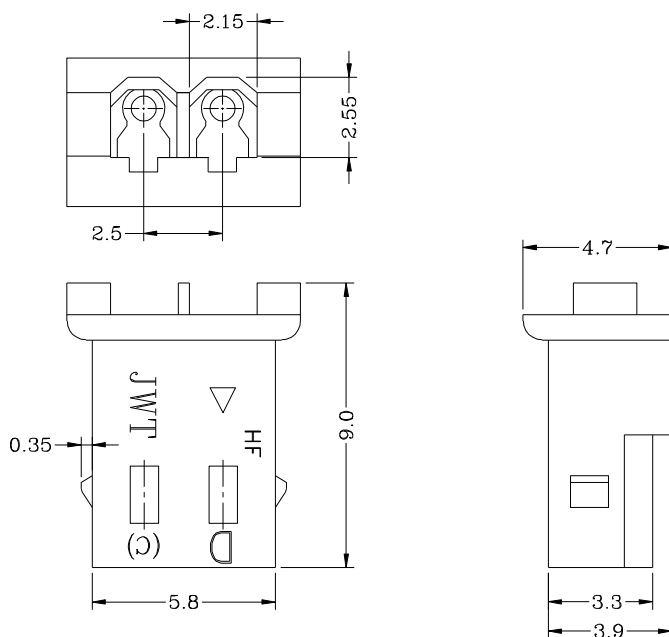
Dimensional Information:

Circuits	Dimensions		Pcs/Bag
	A	B	
2	2.5	5.8	1000
3	5.0	8.3	1000
4	7.5	10.8	1000
5	10.0	13.3	1000
6	12.5	15.8	1000
7	15.0	18.3	1000
8	17.5	20.8	1000
9	20.0	23.3	1000
10	22.5	25.8	1000
11	25.0	28.3	1000
12	27.5	30.8	1000
13	30.0	33.3	1000
14	32.5	35.8	1000
15	35.0	38.3	1000
16	37.5	40.8	1000

A2505 Series 2.50mm pitch crimp terminal socket

Features:

- * Material : Nylon 66 UL 94V-0 (Milky Yellow)
- * Suitable for JWT A2505 series terminal
- * JWT P/N : A2505H02-B2P

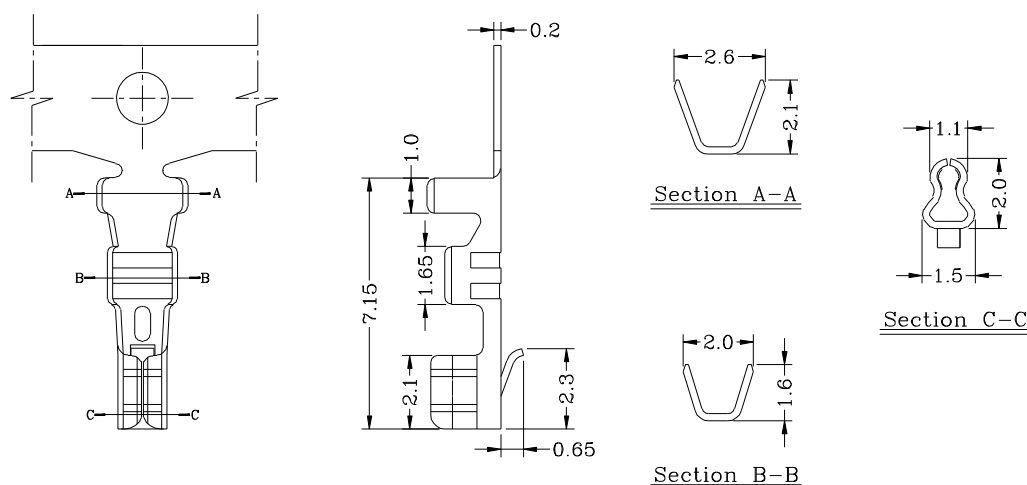


A2505 Series 2.50mm pitch crimp terminal



Features:

- * Used in JWT A2505 series socket



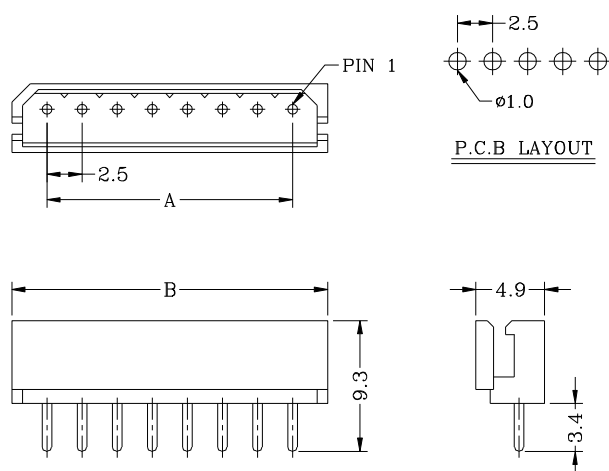
Specification & Ordering Information:

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2505T0P-2	AWG #22~#28	1.90mm(max)	Phosphor bronze	Tin-plated	10,000 PCS

A2505 Series 2.50mm pitch (V-DIP) wafer

Features:

- * Material : Insulator: Refer to JWT P/N below, UL Rated 94V-0.
Contact Post: $\phi 0.70\text{mm}$ Brass, Tin-plated
- * Mates with JWT A2505 series socket
- * JWT P/N (PA66) : A2505WV2-NP-** (Milky Yellow)
- * JWT P/N (PA6T) : A2505WV2-NP-6T-** (Milky Yellow)



Dimensional Information:

Circuits	Dimensions		Pcs/Bag
	A	B	
2	2.5	7.5	1000
3	5.0	10.0	1000
4	7.5	12.5	1000
5	10.0	15.0	1000
6	12.5	17.5	1000
7	15.0	20.0	500
8	17.5	22.5	500
9	20.0	25.0	500
10	22.5	27.5	500
11	25.0	30.0	500
12	27.5	32.5	500
13	30.0	35.0	500
14	32.5	37.5	500
15	35.0	40.0	500
16	37.5	42.5	500

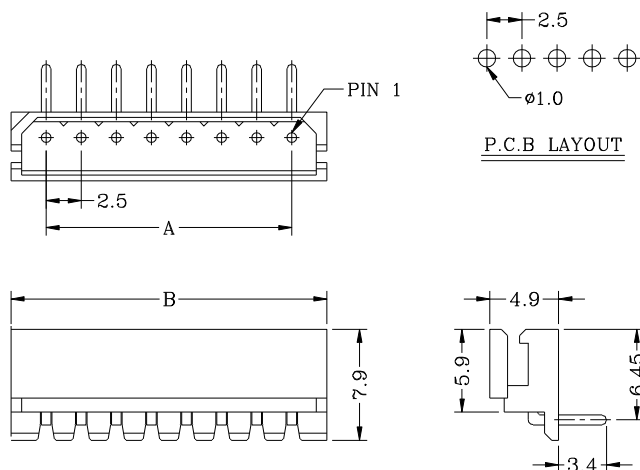
A2505 Series 2.50mm pitch (R-DIP) wafer

Features:

- * Material : Insulator: Refer to JWT P/N below, UL Rated 94V-0.
Contact Post: $\phi 0.70\text{mm}$ Brass, Tin-plated
- * Mates with JWT A2505 series socket
- * JWT P/N (PA66) : A2505WR2-NP-** (Milky Yellow)
- * JWT P/N (PA6T) : A2505WR2-NP-6T-** (Milky Yellow)

Dimensional Information:

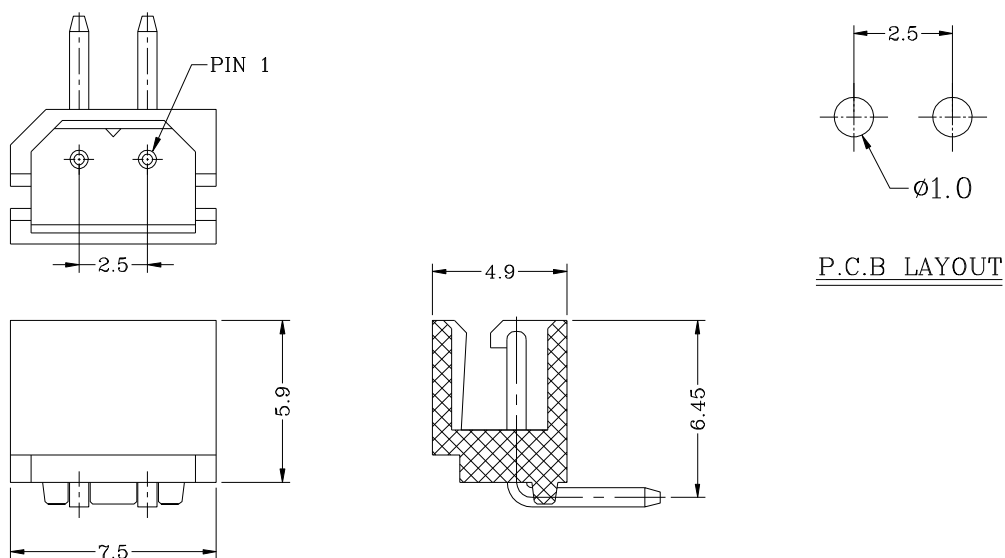
Circuits	Dimensions		Pcs/Bag
	A	B	
2	2.5	7.5	1000
3	5.0	10.0	1000
4	7.5	12.5	1000
5	10.0	15.0	1000
6	12.5	17.5	1000
7	15.0	20.0	500
8	17.5	22.5	500
9	20.0	25.0	500
10	22.5	27.5	500
11	25.0	30.0	500
12	27.5	32.5	500
13	30.0	35.0	500
14	32.5	37.5	500
15	35.0	40.0	500
16	37.5	42.5	500



A2505 Series 2.50mm pitch (R-DIP) wafer

Features:

- * Material : Insulator: Nylon 66 UL 94V-0 (Milky Yellow)
Contact Post: $\phi 0.70\text{mm}$ Brass, Tin-plated
- * Mates with JWT A2505H02-2P
- * JWT P/N : A2505WR2-A2P

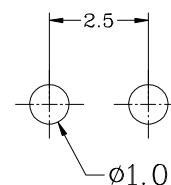
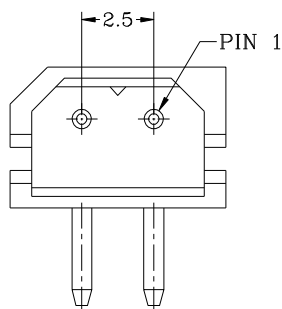


A2505 Series 2.50mm pitch (R-DIP) wafer



Features:

- * Material : Insulator: Nylon 66 UL 94V-0 (Milky Yellow)
Contact Post: $\phi 0.70\text{mm}$ Brass, Tin-plated
- * Mates with JWT A2505H02-2P
- * JWT P/N : A2505WR2-B2P



P.C.B. LAYOUT

