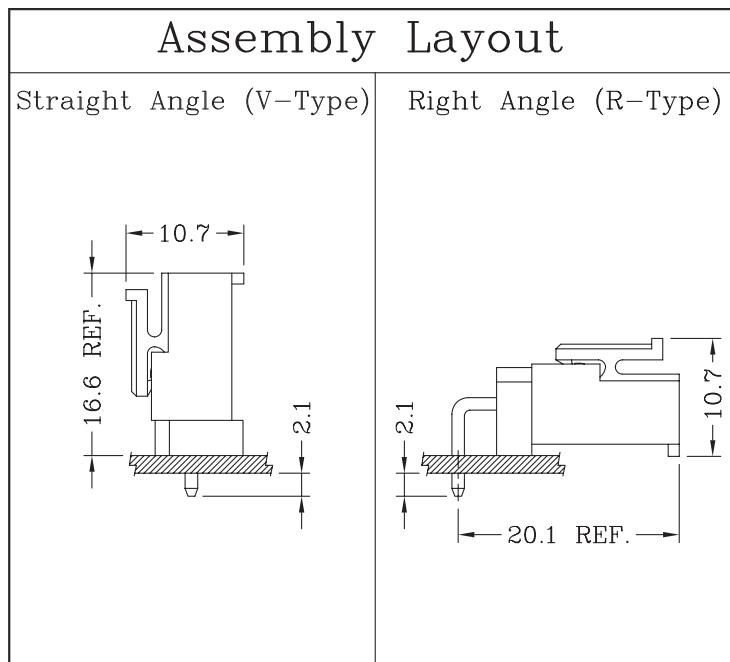
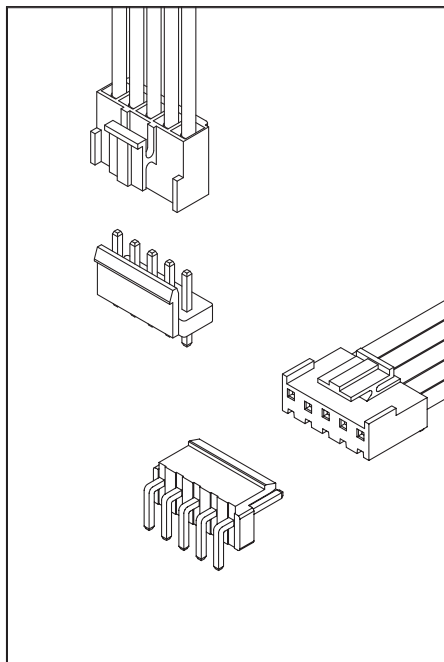


A3963 Series

3.96mm pitch wire to board connector



Connector Product Number

A3963 ** # -NP * - ** - **					
①	②	③	④	⑤	⑥
① Series No : A3963	② Connection Type H0 : Terminal socket WV : Straight-angle wafer WR : Right-angle wafer	④ No. of contacts (NP) NP : Single row	⑤ Product color Blank : As specified (A~Z) : Other colors	⑥ Contact Post finish (Blank) : As specified 5e : Matte-tin over Nickel 0* : Gold over Nickel	⑥ Void circuit / Others (A~Z)# : Void pin
③ Flame Class 2/0 : UL Rated 94V-0					
		⑥ Insulating material 6T : Nylon 6T UL 94V-0			

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	3.96mm
Rated Voltage	250V (600V) AC,DC
Rated Current	10A (AWG #16)
Withstand Voltage	1500V AC/minute
Contact Resistance	10mΩ (MAX.)
Insulation Resistance	1,000MΩ (MIN.)
Temperature Range	-25°~+85°C
Applicable Wire Range	AWG #14~#22

UL: Recognized No. E144544

CSA: Certified No. LR78619



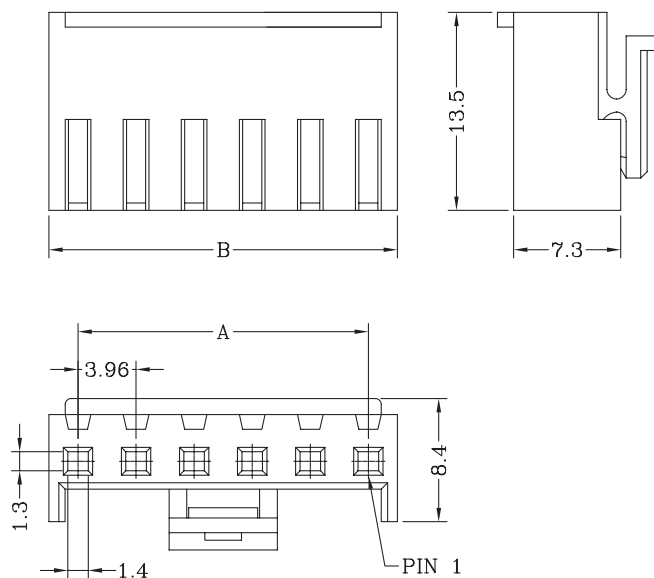
RoHS-specification and Halogen-free products.

A3963 Series 3.96mm pitch crimp terminal socket



Features:

- * Single Row Terminal Socket
- * Material : Nylon 66 UL 94V-0 (White)
- * Suitable for JWT A3963 series terminal
- * JWT P/N : A3963H02-NP*



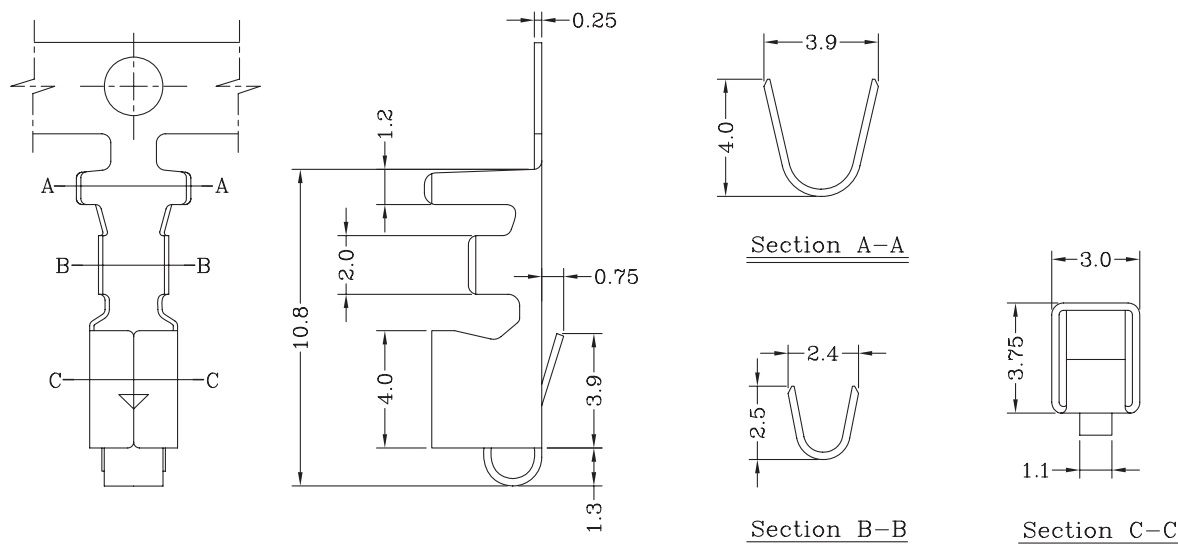
Dimensional Information:

Circuits	Dimensions		PCS/BAG
	A	B	
2	3.96	7.86	1000
3	7.92	11.82	1000
4	11.88	15.78	1000
5	15.84	19.74	1000
6	19.80	23.70	1000
7	23.76	27.66	500
8	27.72	31.62	500
9	31.68	35.58	500
10	35.64	39.54	500
11	39.60	43.50	500
12	43.56	47.46	500
13	47.52	51.42	250
14	51.48	55.38	250
15	55.44	59.34	250
16	59.40	63.30	250

A3963 Series 3.96mm pitch crimp terminal

Features:

- * Used in JWT A3963 series socket



Specifications & Ordering Information:

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3963TO*-2	AWG #18~ #22	2.80mm(max)	Brass or P. Bronze	Tin-plated	4,500 PCS
A3963TO*-0*	AWG #18~ #22	2.80mm(max)	Brass or P. Bronze	Au over Nickel	4,500 PCS

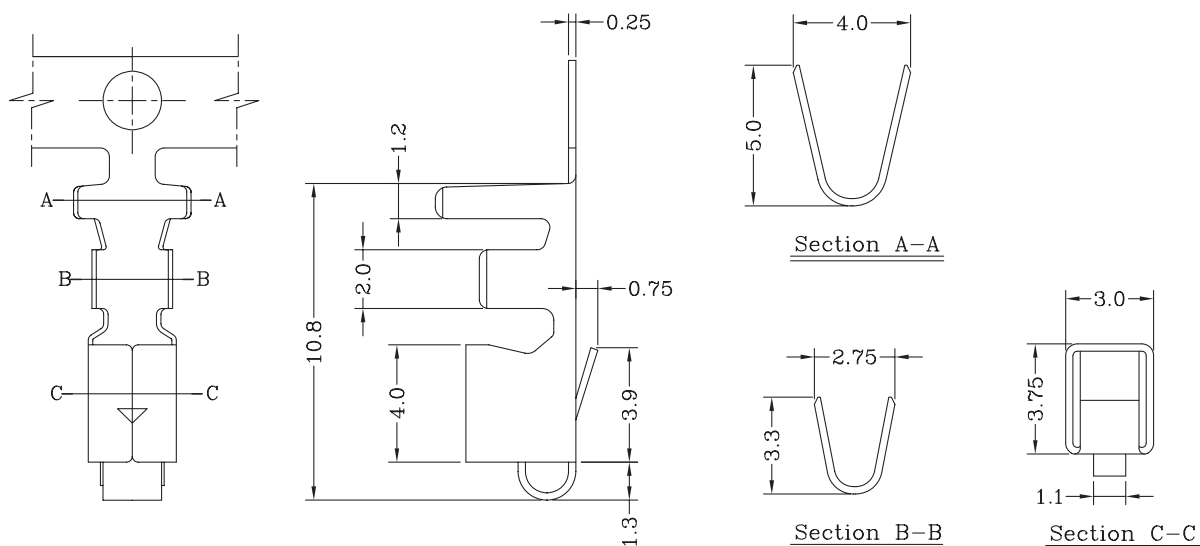
Note: 0* (eg. 00, 0A, 0B...) designates Au-plate thickness identification.
For availability, delivery and MOQ, contact JWT.

A3963 Series 3.96mm pitch crimp terminal



Features:

- * Used in JWT A3963 series socket



Specifications & Ordering Information:

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3963T2*-2	AWG #14~#18	3.70mm(max)	Brass or P. Bronze	Tin-plated	4,000 PCS
A3963T2*-0*	AWG #14~#18	3.70mm(max)	Brass or P. Bronze	Au over Nickel	4,000 PCS

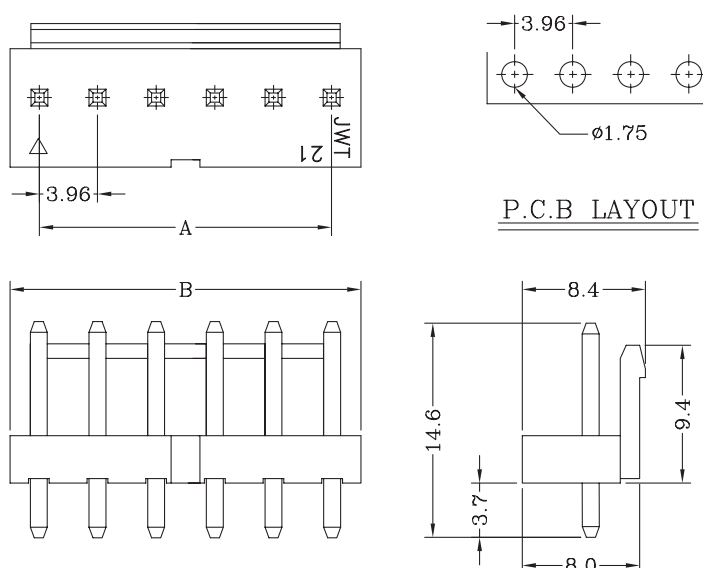
Note: 0* (eg. 00, 0A, 0B...) designates Au-plate thickness identification.
For availability, delivery and MOQ, contact JWT.

A3963 Series 3.96mm pitch wafer (V-Type)

Features:

- * Single Row Vertical-type DIP Wafer
- * Material : Insulator: Nylon 66/6T UL 94V-0 (White / Milky Yellow)
Contact Post: □1.14mm Brass, Tin-plated
- * Mates with JWT A3963 series socket
- * JWT P/N (PA66) : A3963WV2-NP*-**-**
- * JWT P/N (PA6T) : A3963WV2-NP*-6T**-**

Dimensional Information:



Circuits	Dimension mm		PCS/BAG
	A	B	
2	3.96	7.92	1000
3	7.92	11.88	1000
4	11.88	15.84	1000
5	15.84	19.80	1000
6	19.80	23.76	500
7	23.76	27.72	500
8	27.72	31.68	500
9	31.68	35.64	250
10	35.64	39.60	250
11	39.60	43.56	250
12	43.56	47.52	250
13	47.52	51.48	250
14	51.48	55.44	250
15	55.44	59.40	250
16	59.40	63.36	250

A3963 Series 3.96mm pitch wafer (R-Type)

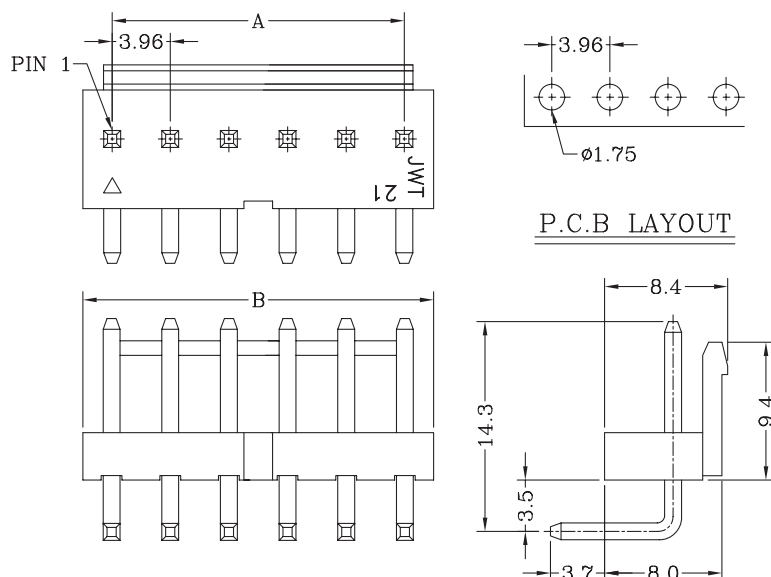


Features:

- * Single Row Horizontal-type DIP Wafer
- * Material : Insulator: Nylon 66/6T UL 94V-0 (White / Milky Yellow)
Contact Post: □1.14mm Brass, Tin-plated
- * Mates with JWT A3963 series socket
- * JWT P/N (PA66) : A3963WR2-NP*-**-**
- * JWT P/N (PA6T) : A3963WR2-NP*-6T**-**

Dimensional Information:

Circuits	Dimension mm		PCS/BAG
	A	B	
2	3.96	7.92	1000
3	7.92	11.88	1000
4	11.88	15.84	1000
5	15.84	19.80	1000
6	19.80	23.76	500
7	23.76	27.72	500
8	27.72	31.68	500
9	31.68	35.64	250
10	35.64	39.60	250
11	39.60	43.56	250
12	43.56	47.52	250
13	47.52	51.48	250
14	51.48	55.44	250
15	55.44	59.40	250
16	59.40	63.36	250



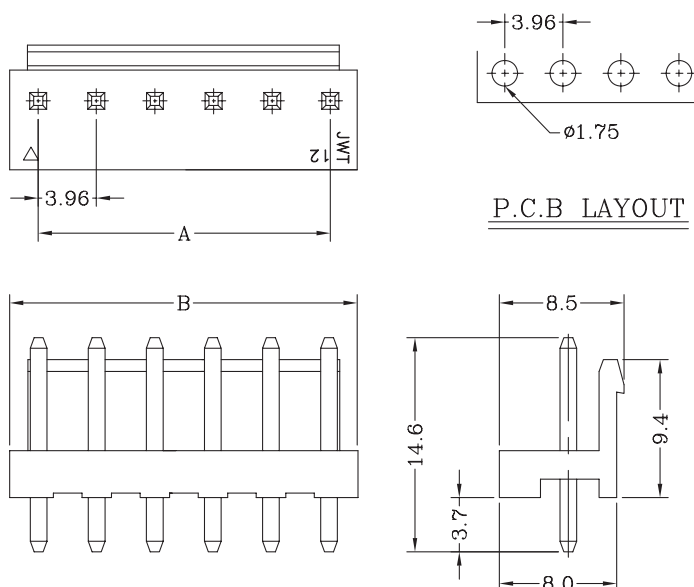
A3963 Series 3.96mm pitch wafer

Features:

- * Single Row Vertical-type DIP Wafer
- * Material : Insulator: PBT UL 94V-0 (White)
Contact Post: □1.14mm Brass, Tin-plated
- * Mates with JWT A3963 series socket
- * JWT P/N : A3963WV2-ANP**-**-**

Dimensional Information:

Circuits	Dimension mm		PCS/BAG
	A	B	
2	3.96	7.92	1000
3	7.92	11.88	1000
4	11.88	15.84	1000
5	15.84	19.80	1000
6	19.80	23.76	500
7	23.76	27.72	500
8	27.72	31.68	500
9	31.68	35.64	250
10	35.64	39.60	250
11	39.60	43.56	250
12	43.56	47.52	250
13	47.52	51.48	250
14	51.48	55.44	250
15	55.44	59.40	250
16	59.40	63.36	250

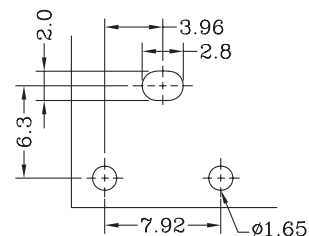
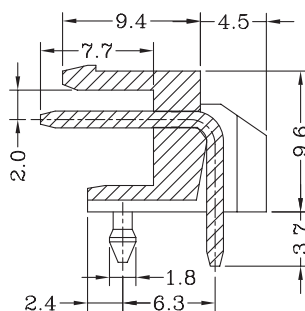
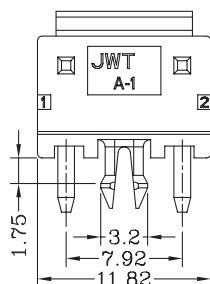


A3963 Series 3.96mm pitch wafer (R-Type)

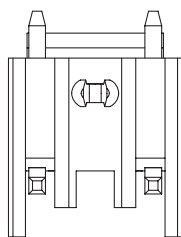


Features:

- * Single Row Horizontal-type DIP Wafer
- * Material : Insulator: PBT UL 94V-0 with 30% G.F. (White)
Contact Post: □1.14mm Brass, Tin-plated
- * Mates with JWT A3963 series socket
- * JWT P/N : A3963WR2-3P*-*-D-PG-*



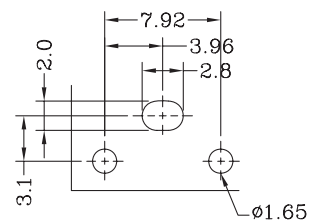
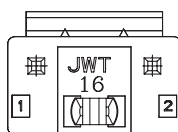
P.C.B. LAYOUT



A3963 Series 3.96mm pitch wafer (V-Type)

Features:

- * Single Row Vertical-type DIP Wafer
- * Material : Insulator: PBT UL 94V-0 with 30% G.F. (White)
Contact Post: □1.14mm Brass, Tin-plated
- * Mates with JWT A3963 series socket
- * JWT P/N : A3963WV2-3P*-*-D-PG-*



P.C.B. LAYOUT

