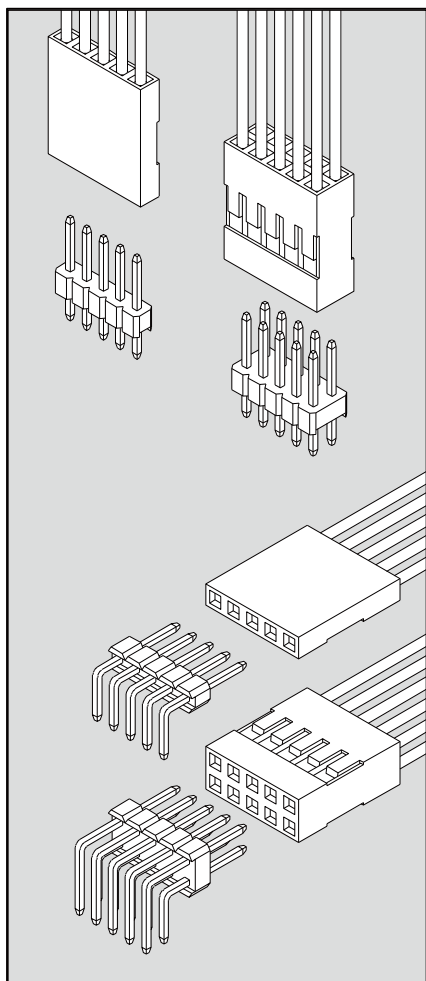
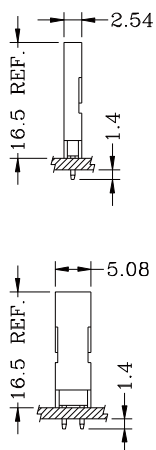


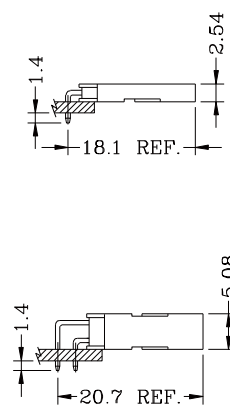


Assembly Layout

Straight Angle (V-Type)



Right Angle (R-Type)



Specifications:

Poles	2~80 Poles
Pitch between poles	2.54mm
Rated Voltage	250V AC,DC
Rated Current	2.5A (AWG #22)
Withstand Voltage	800V 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.



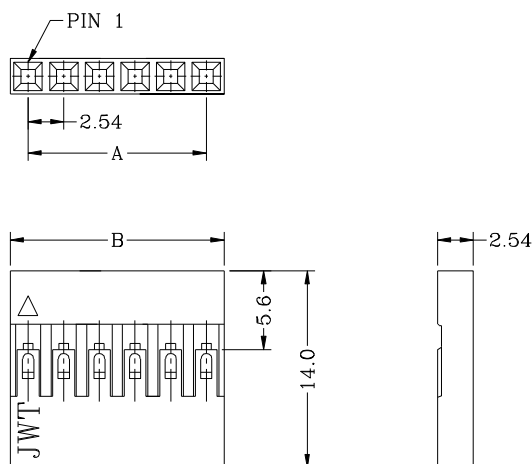
A2541 Series 2.54mm pitch single row crimp terminal socket

Features:

- * Material : PPO UL 94V-1 (Black)
- * Suitable for A2541, A2542 & A2549 terminal
- * JWT P/N : A2541H02-1xNP

Dimensional Information:

Circuits	Dimensions		Pcs/Bag
	A	B	
2	2.54	5.08	1000
3	5.08	7.62	1000
4	7.62	10.16	1000
5	10.16	12.70	1000
6	12.70	15.24	1000
7	15.24	17.78	1000
8	17.78	20.32	1000
9	20.32	22.86	1000
10	22.86	25.40	1000
11	25.40	27.94	1000
12	27.94	30.48	1000
13	30.48	33.02	1000
14	33.02	35.56	500
15	35.56	38.10	500
16	38.10	40.64	500
17	40.64	43.18	500
18	43.18	45.72	500
19	45.72	48.26	500
20	48.26	50.80	500
21	50.80	53.34	500
22	53.34	55.88	500
23	55.88	58.42	500
24	58.42	60.96	500
25	60.96	63.50	500



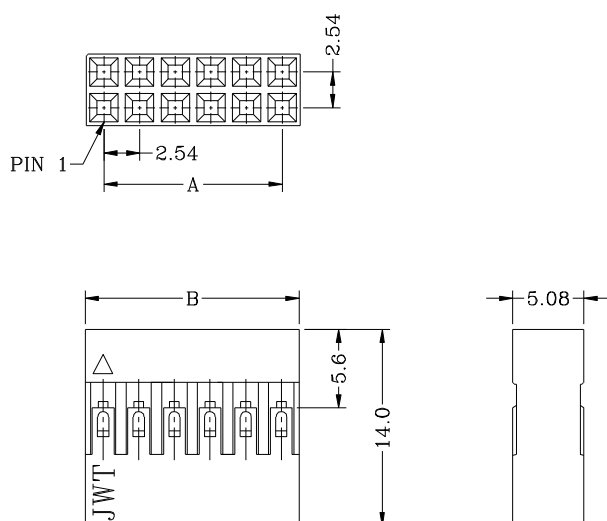
A2541 Series 2.54mm pitch dual row crimp terminal socket

Features:

- * Material : PPO UL 94V-1 (Black)
- * Suitable for A2541, A2542 & A2549 terminal
- * JWT P/N : A2541H02-2xNP

Dimensional Information:

Circuits	Dimensions		Pcs/Bag
	A	B	
4	2.54	5.08	1000
6	5.08	7.62	1000
8	7.62	10.16	1000
10	10.16	12.70	1000
12	12.70	15.24	1000
14	15.24	17.78	1000
16	17.78	20.32	1000
18	20.32	22.86	1000
20	22.86	25.40	1000
22	25.40	27.94	1000
24	27.94	30.48	1000
26	30.48	33.02	1000
28	33.02	35.56	500
30	35.56	38.10	500
32	38.10	40.64	500
34	40.64	43.18	500
36	43.18	45.72	500
38	45.72	48.26	500
40	48.26	50.80	500
42	50.80	53.34	500
44	53.34	55.88	500
46	55.88	58.42	500
48	58.42	60.96	500
50	60.96	63.50	500



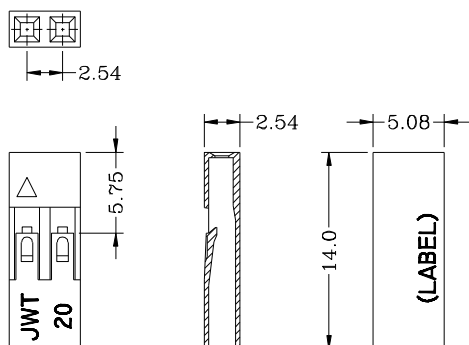
A2541 Series 2.54mm pitch single row crimp terminal socket



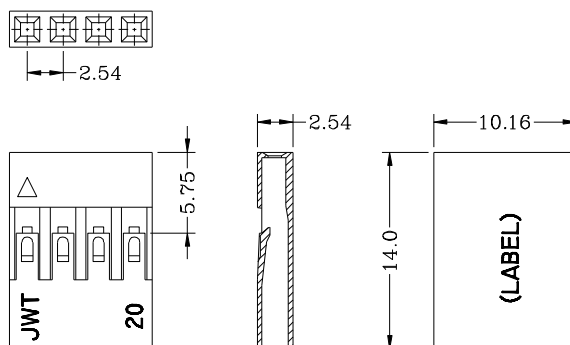
Features:

- * Material : PPO UL 94V-1 (Black)
- * Suitable for A2541 series terminal
- * LABEL-PRINT Text Height 2.00mm, approximate position as shown.
- * JWT P/N : A2541H02-1xNP**

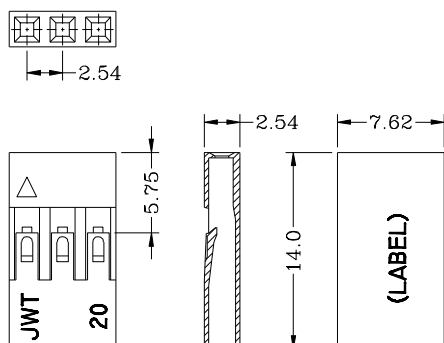
A



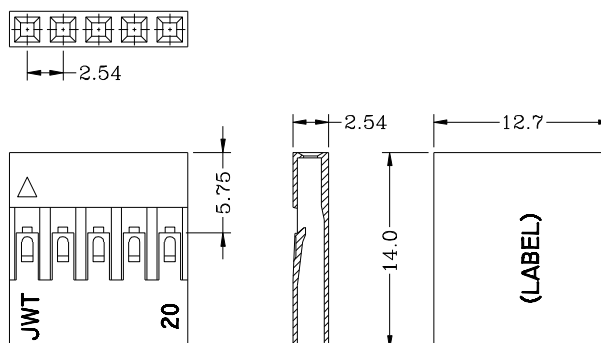
A2541H02-1x2P**



A2541H02-1x4P**



A2541H02-1x3P**



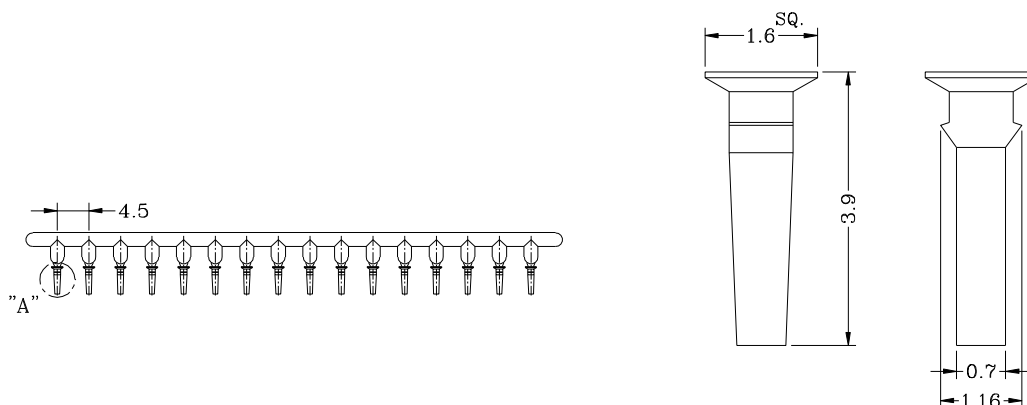
A2541H02-1x5P**

**	LABEL-PRINT	Crcd.	**	LABEL-PRINT	Crcd.	**	LABEL-PRINT	Crcd.
01	S/B SW	2,4	09	SMM LED	2	17	SPEED	2
02	TURBO SW	2,3	10	COM LED	2	18	H.D.D./MSG	3
03	RESET SW	2	11	TURBO LED	2	21	SLEEP LED	2
04	SPEAKER	4	12	KEY LED	2	22	SLEEP SW	2
05	POWER LED	2,3,4	13	S/B LED	2	23	UP 1248G	5
06	H.D.D. LED	2,3,4	14	POWER SW	2	24	FAN	3
07	POWER LED KEYLOCK	5	15	H.D.D.	4	25	VCC Df	3
08	SMM SW	2	16	S/B	2	26	Gnd	1

A2541 Series 2.54mm pitch polarizing key

Features:

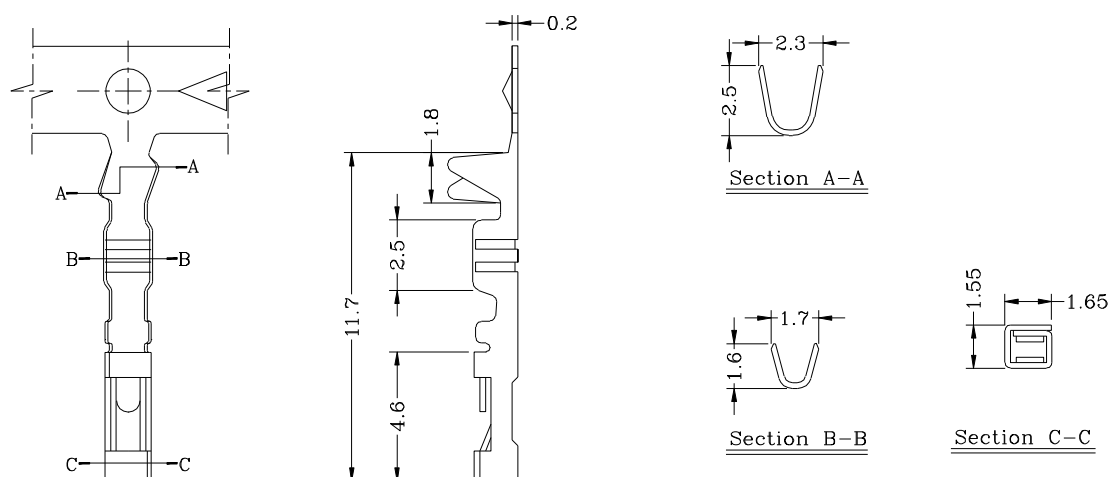
- * Material : Refer to JWT P/N below, UL Rated 94V-0.
- * Unit Quantity: 1000 Pcs/Bag
- * Used in JWT A2541 & A2542 series socket
- * JWT P/N (PBT+30%GF) : A2541K00-16 (Black)
- * JWT P/N (PBT+30%GF) : A2541K00-16K (White)
- * JWT P/N (PA66+15%GF) : A2541K00-16-HF (Black)



A2541 Series 2.54mm pitch crimp terminal

Features:

- * Used in JWT A2541 & A2542 series socket



Specifications & Ordering Information:

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2541T3*-2	AWG#22~#28	1.70mm(max)	Brass or P. Bronze	Tin-plated	10,000 PCS
A2541T3*-0*	AWG#22~#28	1.70mm(max)	Brass or P. Bronze	Au over Nickel	10,000 PCS

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

A2541 Series 2.54mm pitch single row (V/R-DIP) wafer



Features:

- * Material : Insulator: Nylon 6T UL 94V-0 (Black)
Contact Post: □0.64mm Brass, Gold-flash plated
- * Mates with JWT A2541 series single row socket & terminal
- * Mates with JWT B2541 series single row female header

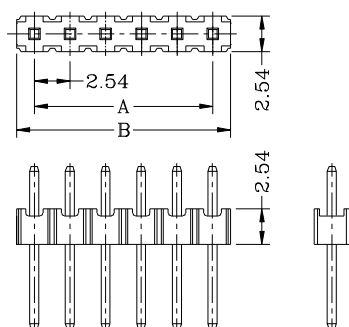
A

Connector Product Number

A2541 <u>**</u> <u>#</u> <u>-1*xNPA</u> <u>-6T</u> <u>-**</u>												
①		②		③	④		⑤	⑥		⑦		
①	Series No : A2541				④	No. of contacts (NP) 1*xNP : Single row Note: * (A, B...) designates STYLE				⑦	Contact Post finish (Blank) : As specified 2e : Bright-tin over Nickel 5e : Matte-tin over Nickel 0* : Gold over Nickel	
②	Connection Type WV : Straight-angle wafer WR : Right-angle wafer					⑤	Color A : Black				⑦	Void circuit (A~Z)# : Void pin
③	Insulator Type / Grade											
⑥	0 : Nylon 6T UL 94V-0											

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

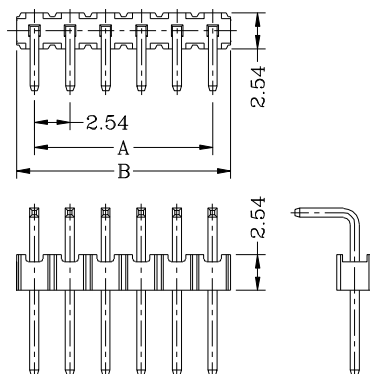
* JWT P/N: A2541WV0-1*xNPA-6T-**



Dimensional Information:

Circuits	Dimensions		Pcs/Bag
	A	B	
2	2.54	5.08	1000
3	5.08	7.62	1000
4	7.62	10.16	1000
5	10.16	12.70	1000
6	12.70	15.24	1000
7	15.24	17.78	1000
8	17.78	20.32	1000
9	20.32	22.86	1000
10	22.86	25.40	1000
11	25.40	27.94	1000
12	27.94	30.48	1000
13	30.48	33.02	500
14	33.02	35.56	500
15	35.56	38.10	500
16	38.10	40.64	500
17	40.64	43.18	500
18	43.18	45.72	500
19	45.72	48.26	500
20	48.26	50.80	500
21	50.80	53.34	250
22	53.34	55.88	250
23	55.88	58.42	250
24	58.42	60.96	250
25	60.96	63.50	250
26	63.50	66.04	250
27	66.04	68.58	250
28	68.58	71.12	250
29	71.12	73.66	250
30	73.66	76.20	250
31	76.20	78.74	200
32	78.74	81.28	200
33	81.28	83.82	200
34	83.82	86.36	200
35	86.36	88.90	200
36	88.90	91.44	200
37	91.44	93.98	200
38	93.98	96.52	200
39	96.52	99.06	200
40	99.06	101.60	200

* JWT P/N: A2541WR0-1*xNPA-6T-**



Note: For dimensional details and information, please contact JWT.



A2541 Series 2.54mm pitch dual row (V/R-DIP) wafer

Features:

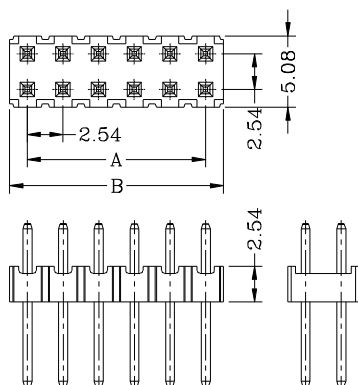
- * Material : Insulator: Nylon 6T UL 94V-0 (Black)
Contact Post: □0.64mm Brass, Gold-flash plated
- * Mates with JWT A2541 series dual row socket & terminal
- * Mates with JWT B2541 series dual row female header

Connector Product Number

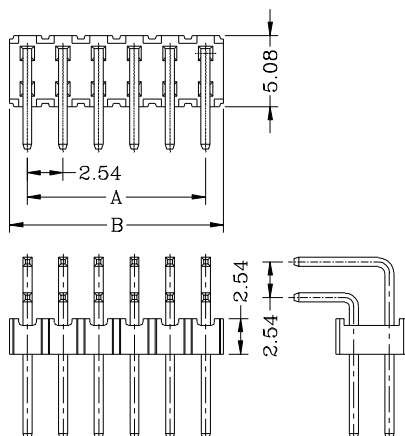
A2541 ① ** ② # ③ -2*xNPA ④ -6T ⑤ -** ⑥ ⑦						
①	Series No : A2541	④	No. of contacts (NP) 2*xNP : Dual row Note: * (A, B...) designates STYLE		⑦	Contact Post finish (Blank) : As specified 2e : Bright-tin over Nickel 5e : Matte-tin over Nickel 0* : Gold over Nickel
②	Connection Type WV : Straight-angle wafer WR : Right-angle wafer					
③	Insulator Type / Grade	⑤	Color A : Black		⑦	Void circuit (A~Z)# : Void pin
⑥	0 : Nylon 6T UL 94V-0					

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

* JWT P/N: A2541WV0-2*xNPA-6T-**



* JWT P/N: A2541WR0-2*xNPA-6T-**



Dimensional Information:

Circuits	Dimensions		Pcs/Bag
	A	B	
4	2.54	5.08	1000
6	5.08	7.62	1000
8	7.62	10.16	1000
10	10.16	12.70	1000
12	12.70	15.24	500
14	15.24	17.78	500
16	17.78	20.32	500
18	20.32	22.86	500
20	22.86	25.40	500
22	25.40	27.94	500
24	27.94	30.48	500
26	30.48	33.02	500
28	33.02	35.56	250
30	35.56	38.10	250
32	38.10	40.64	250
34	40.64	43.18	250
36	43.18	45.72	250
38	45.72	48.26	250
40	48.26	50.80	250
42	50.80	53.34	200
44	53.34	55.88	200
46	55.88	58.42	200
48	58.42	60.96	200
50	60.96	63.50	200
52	63.50	66.04	200
54	66.04	68.58	200
56	68.58	71.12	200
58	71.12	73.66	200
60	73.66	76.20	200
62	76.20	78.74	100
64	78.74	81.28	100
66	81.28	83.82	100
68	83.82	86.36	100
70	86.36	88.90	100
72	88.90	91.44	100
74	91.44	93.98	100
76	93.98	96.52	100
78	96.52	99.06	100
80	99.06	101.60	100

Note: For dimensional details and information, please contact JWT.

A2541 Series 2.54mm pitch (V-DIP) wafer



Features:

- * Material : Insulator: Nylon 6T UL 94V-0 (Black)
Contact Post: □0.64mm Brass, Gold-flash plated
- * Single/Dual row double insulation type pin header

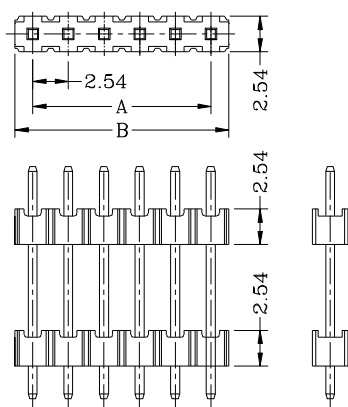
A

Connector Product Number

A2541 ** # -**xNPA -6T -**						
①	②	③	④	⑤	⑥	⑦
① Series No : A2541	② Connection Type WV : Straight-angle wafer		④ No. of contacts (NP) *1xNP : Single row Double Insulation *2xNP : Dual row Double Insulation Note: * (A, B...) designates STYLE		⑦ Contact Post finish (Blank) : As specified 2e : Bright-tin over Nickel 5e : Matte-tin over Nickel 0* : Gold over Nickel	
③ Insulator Type / Grade 0 : Nylon 6T UL 94V-0						
⑥	⑤ Color A : Black		⑦ Void circuit (A~Z)# : Void pin			

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

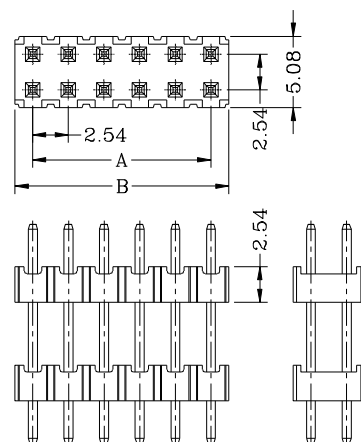
* JWT P/N: A2541WV0-*1xNPA-6T-**



Dimensional Information:

Circuits	Dimensions		Pcs/Bag
	A	B	
2(4)	2.54	5.08	1000
3(6)	5.08	7.62	1000
4(8)	7.62	10.16	1000
5(10)	10.16	12.70	1000
6(12)	12.70	15.24	1000
7(14)	15.24	17.78	1000
8(16)	17.78	20.32	1000
9(18)	20.32	22.86	1000
10(20)	22.86	25.40	1000
11(22)	25.40	27.94	1000
12(24)	27.94	30.48	1000
13(26)	30.48	33.02	500
14(28)	33.02	35.56	500
15(30)	35.56	38.10	500
16(32)	38.10	40.64	500
17(34)	40.64	43.18	500
18(36)	43.18	45.72	500
19(38)	45.72	48.26	500
20(40)	48.26	50.80	500
21(42)	50.80	53.34	250
22(44)	53.34	55.88	250
23(46)	55.88	58.42	250
24(48)	58.42	60.96	250
25(50)	60.96	63.50	250
26(52)	63.50	66.04	250
27(54)	66.04	68.58	250
28(56)	68.58	71.12	250
29(58)	71.12	73.66	250
30(60)	73.66	76.20	250
31(62)	76.20	78.74	200
32(64)	78.74	81.28	200
33(66)	81.28	83.82	200
34(68)	83.82	86.36	200
35(70)	86.36	88.90	200
36(72)	88.90	91.44	200
37(74)	91.44	93.98	200
38(76)	93.98	96.52	200
39(78)	96.52	99.06	200
40(80)	99.06	101.60	200

* JWT P/N: A2541WV0-*2xNPA-6T-**



Note: For dimensional details and information, please contact JWT.