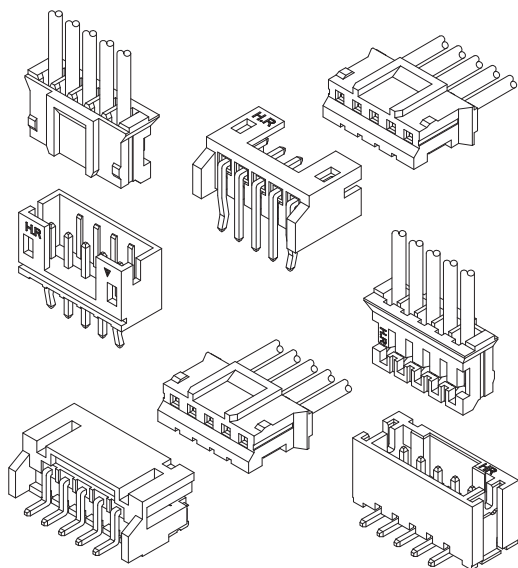




A2001 SERIES

2.00mm pitch wire to board connector



Specifications

Current rating: 2A AC,DC
Voltage rating: 100V AC,DC
Temperature range: -25°C ~ +85°C
Contact resistance: 10mΩ Max.
Insulation resistance: 1000MΩ Min.
Withstanding voltage: 800V AC/minute
Contact H.R for details

Standards



E179987

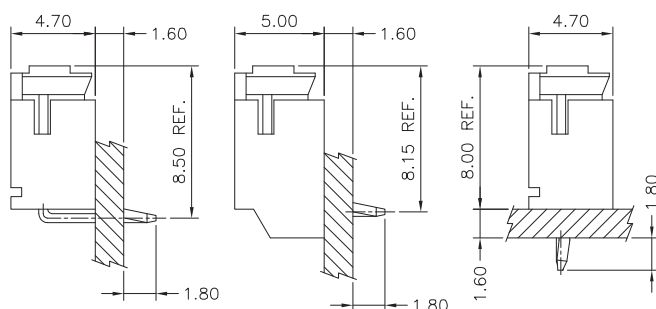


LR113464

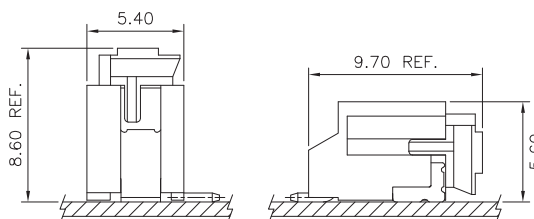


R 3-50004394

Assembly layout



DIP TYPE



SMT TYPE

Ordering code

① ② ③ ④
A2001-T P E

- ① Series No.
- ② Plating code: T=Tin-plated, G=Gold-flash
- ③ Material: P=Phosphor bronze
- ④ E=Stamping before plating

① ② ③
A2001 H-05P

- ① Series No.
- ② H=Housing
- ③ No. of circuits

① ② ③ ④ ⑤ ⑥
A2001 WV R -S-05P D01

- ① Series No.
- ② Connector type: WV=Vertical, WR=Right angle
- ③ Blank=Normal type
R=Right angle type
- ④ Mounting type: Blank=Through hole
-S=SMT
- ⑤ No. of circuits
- ⑥ Option code:
1=Type 1, 2=Type 2, 3=Type 3(Through hole only)
D01=Gold-flash, Taping reel(SMT type only)
(Contact H.R for more details)



A2001 SERIES

2.00mm pitch wire to board connector

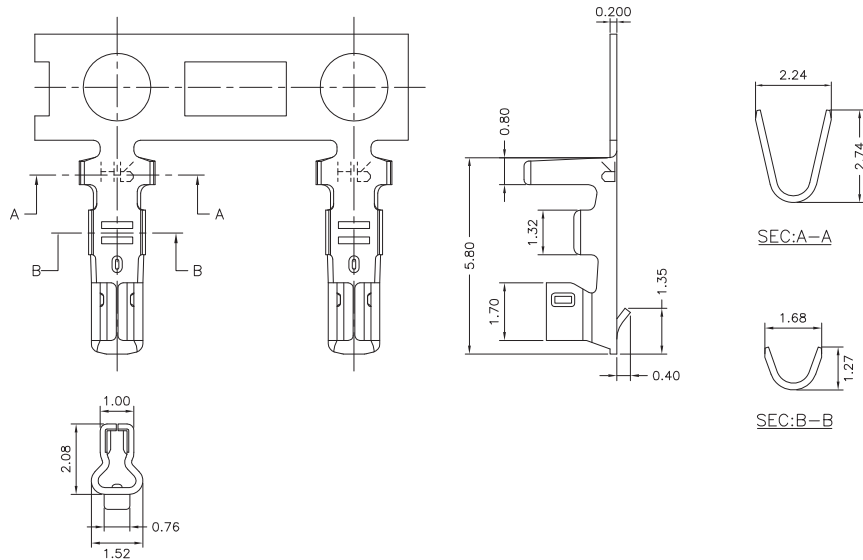


A2001-T

2.00mm pitch Crimp Terminal

Reference Informations:

*Used in H.R A2001 series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2001-TPE	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Tin-plated	10,000pcs
A2001-GPE	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Gold-flash	10,000pcs

Note:E-Stamping before Tin-plated or Gold-flash



A2001H

2.00mm pitch Housing

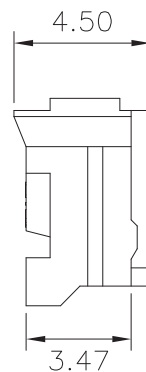
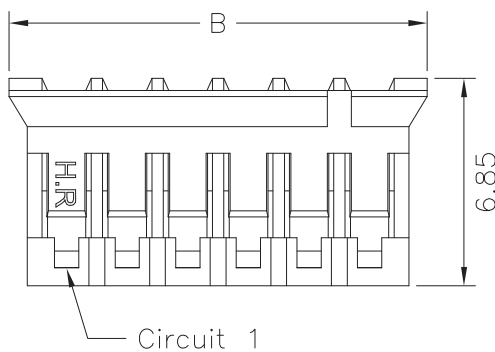
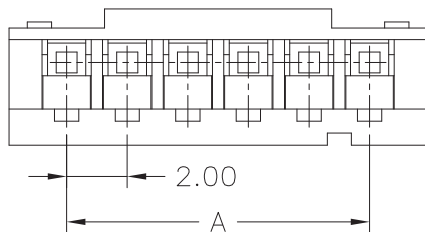
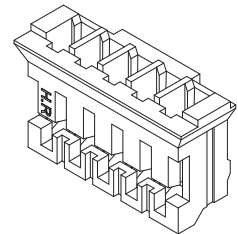
Reference Informations:

*Material: Nylon 66,UL94V-0

*Suitable H.R A2001 series Terminal

*Mates with H.R A2001 series Wafer

	A2001H-05P	N	Q	W	NP	N	00	G
		①	②	③	④	⑤	⑥	⑦
①	N=Halogen Free							
②	Material: 0=Nylon 66-V0							
③	Color: W=White							
④	Plating code: NP=Non-plating							
⑤	Plating code: N=Non-plating							
⑥	Option code: 00=Standard							
⑦	Packing code: G=Bag							



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001H-02P	2.00	5.80
A2001H-03P	4.00	7.80
A2001H-04P	6.00	9.80
A2001H-05P	8.00	11.80
A2001H-06P	10.00	13.80
A2001H-07P	12.00	15.80
A2001H-08P	14.00	17.80
A2001H-09P	16.00	19.80
A2001H-10P	18.00	21.80
A2001H-11P	20.00	23.80
A2001H-12P	22.00	25.80
A2001H-13P	24.00	27.80
A2001H-14P	26.00	29.80
A2001H-15P	28.00	31.80
A2001H-16P	30.00	33.80
A2001H-17P	32.00	35.80
A2001H-18P	34.00	37.80

Unit:mm



A2001 SERIES

2.00mm pitch wire to board connector



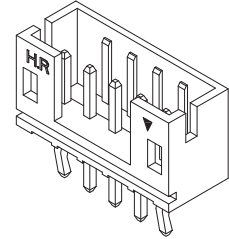
A2001WV

2.00mm pitch 180° Wafer

Reference Informations:

- *Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
- *Mates with H.R A2001 series Housing
- *Nylon 6T or Nylon 46 is available

A2001WV-05P	N	O	W	T1	N	KO	G
	①	②	③	④	⑤	⑥	⑦
① N=Halogen Free ② Material: 0=Nylon 66-V0, 6=Nylon 6T ③ Color: W=White, B=Black ④ Plating code: T1=Tin-plated, G1=Gold-flash ⑤ Plating code: N=Non-plating ⑥ Option code: K0=With pin kink, 00=Without pin kink ⑦ Packing code: G=Bag							



Ordering Information:

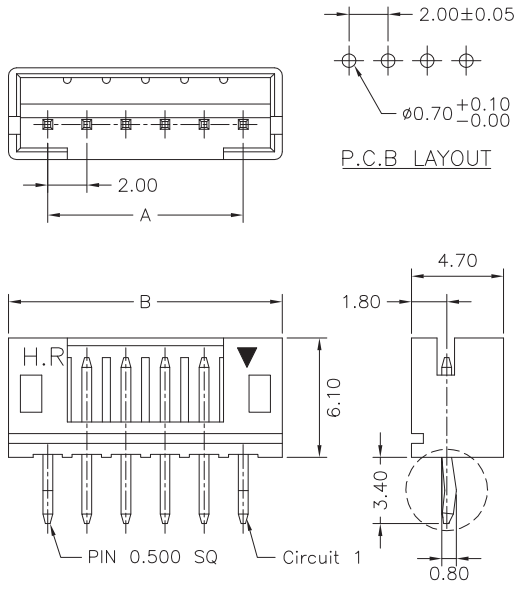
A2001WV-XP *

- 1.Part No.
- 2.Style:
 - 1-Type 1
 - 2-Type 2
 - 3-Type 3

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001WV-02P	2.00	6.00
A2001WV-03P	4.00	8.00
A2001WV-04P	6.00	10.00
A2001WV-05P	8.00	12.00
A2001WV-06P	10.00	14.00
A2001WV-07P	12.00	16.00
A2001WV-08P	14.00	18.00
A2001WV-09P	16.00	20.00
A2001WV-10P	18.00	22.00
A2001WV-11P	20.00	24.00
A2001WV-12P	22.00	26.00
A2001WV-13P	24.00	28.00
A2001WV-14P	26.00	30.00
A2001WV-15P	28.00	32.00
A2001WV-16P	30.00	34.00
A2001WV-17P	32.00	36.00
A2001WV-18P	34.00	38.00

Unit:mm



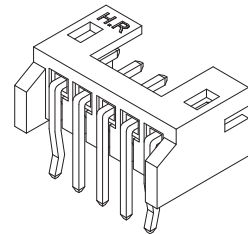
A2001WR

2.00mm pitch 90° Wafer

Reference Informations:

- *Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
- *Mates with H.R A2001 series Housing
- *Nylon 6T or Nylon 46 is available

A2001WR-05P	N	O	W	T1	N	KO	G
	①	②	③	④	⑤	⑥	⑦
① N=Halogen Free ② Material: 0=Nylon 66-V0, 6=Nylon 6T ③ Color: W=White, B=Black ④ Plating code: T1=Tin-plated, G1=Gold-flash ⑤ Plating code: N=Non-plating ⑥ Option code: K0=With pin kink, 00=Without pin kink ⑦ Packing code: G=Bag							



Ordering Information:

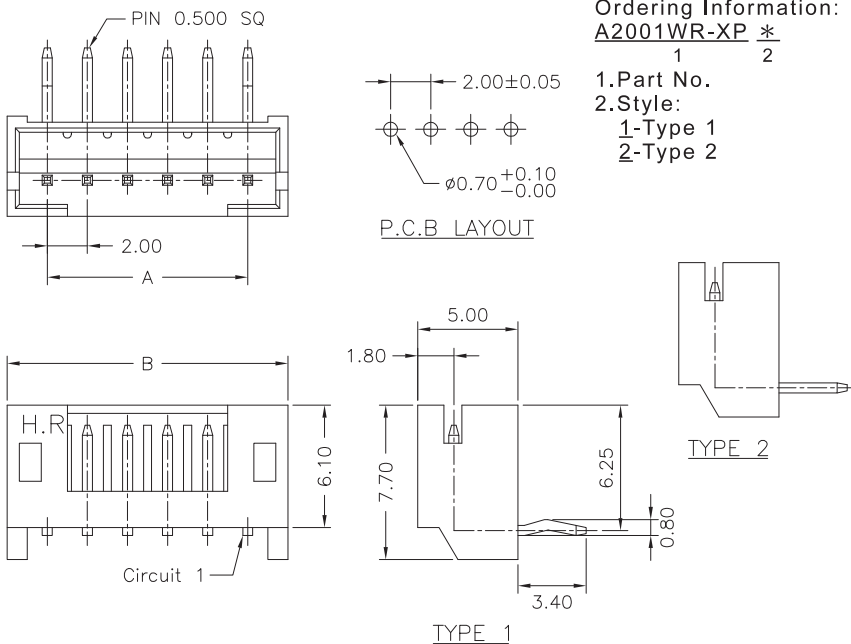
A2001WR-XP *

- 1.Part No.
- 2.Style:
 - 1-Type 1
 - 2-Type 2

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001WR-02P	2.00	6.00
A2001WR-03P	4.00	8.00
A2001WR-04P	6.00	10.00
A2001WR-05P	8.00	12.00
A2001WR-06P	10.00	14.00
A2001WR-07P	12.00	16.00
A2001WR-08P	14.00	18.00
A2001WR-09P	16.00	20.00
A2001WR-10P	18.00	22.00
A2001WR-11P	20.00	24.00
A2001WR-12P	22.00	26.00
A2001WR-13P	24.00	28.00
A2001WR-14P	26.00	30.00
A2001WR-15P	28.00	32.00
A2001WR-16P	30.00	34.00
A2001WR-17P	32.00	36.00
A2001WR-18P	34.00	38.00

Unit:mm





A2001 SERIES

2.00mm pitch wire to board connector

A2001WV-S

2.00mm pitch 180° Wafer - SMT TYPE

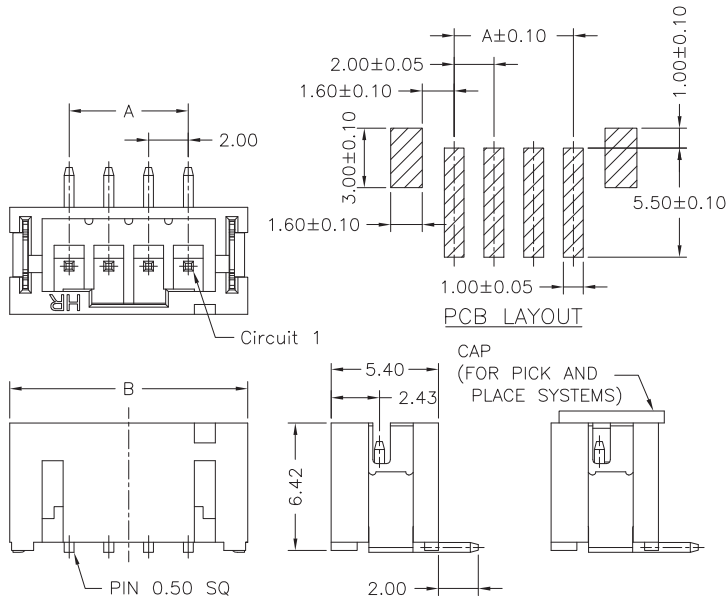
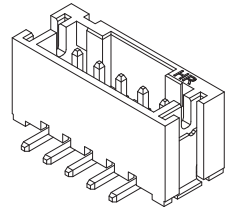
Reference Informations:

*Material: Pin: Brass/Gold-flash
 Solder Tabs: Brass/Gold-flash
 Wafer: Nylon 6T,UL94V-0
 Cap: Nylon 6T,UL94V-0

*Mates with H.R A2001 series Housing

A2001WV-S-05P	N	6	B	G1	G	00	L
①	②	③	④	⑤	⑥	⑦	

① N=Halogen Free
 ② Material: 6=Nylon 6T
 ③ Color: B=Black
 ④ Plating code: G1=Gold-flash
 ⑤ Plating code: G=Gold-flash
 ⑥ Option code: 00=Standard
 ⑦ Packing code: L=Tape & Reel(With Cap)



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001WV-S-02PD01	2.00	8.00
A2001WV-S-03PD01	4.00	10.00
A2001WV-S-04PD01	6.00	12.00
A2001WV-S-05PD01	8.00	14.00
A2001WV-S-06PD01	10.00	16.00
A2001WV-S-07PD01	12.00	18.00
A2001WV-S-08PD01	14.00	20.00
A2001WV-S-09PD01	16.00	22.00
A2001WV-S-10PD01	18.00	24.00
A2001WV-S-11PD01	20.00	26.00
A2001WV-S-12PD01	22.00	28.00
A2001WV-S-13PD01	24.00	30.00
A2001WV-S-14PD01	26.00	32.00
A2001WV-S-15PD01	28.00	34.00
A2001WV-S-16PD01	30.00	36.00

Unit:mm

A2001WR-S

2.00mm pitch 90° Wafer - SMT TYPE

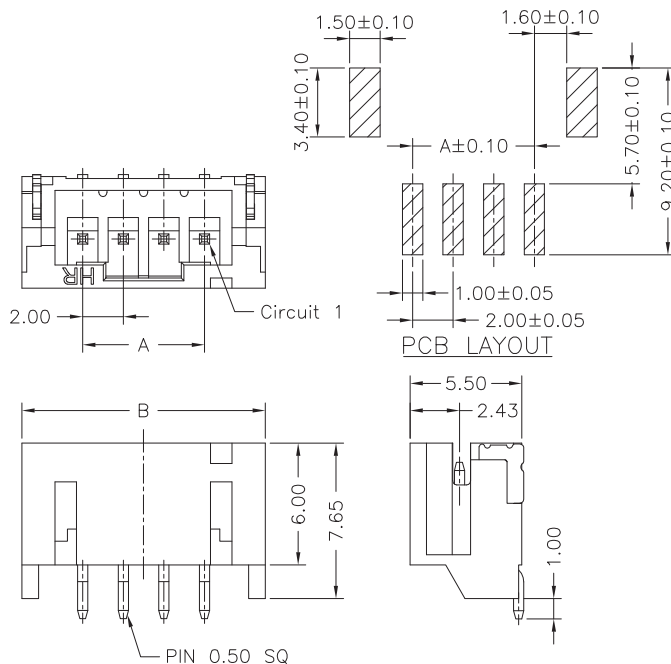
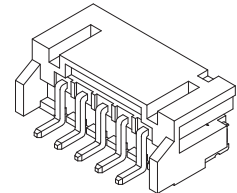
Reference Informations:

*Material: Pin: Brass/Gold-flash
 Solder Tabs: Brass/Gold-flash
 Wafer: Nylon 6T,UL94V-0

*Mates with H.R A2001 series Housing

A2001WR-S-05P	N	6	B	G1	G	00	R
①	②	③	④	⑤	⑥	⑦	

① N=Halogen Free
 ② Material: 6=Nylon 6T
 ③ Color: B=Black
 ④ Plating code: G1=Gold-flash
 ⑤ Plating code: G=Gold-flash
 ⑥ Option code: 00=Standard
 ⑦ Packing code: R=Tape & Reel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001WR-S-02PD01	2.00	8.00
A2001WR-S-03PD01	4.00	10.00
A2001WR-S-04PD01	6.00	12.00
A2001WR-S-05PD01	8.00	14.00
A2001WR-S-06PD01	10.00	16.00
A2001WR-S-07PD01	12.00	18.00
A2001WR-S-08PD01	14.00	20.00
A2001WR-S-09PD01	16.00	22.00
A2001WR-S-10PD01	18.00	24.00
A2001WR-S-11PD01	20.00	26.00
A2001WR-S-12PD01	22.00	28.00
A2001WR-S-13PD01	24.00	30.00
A2001WR-S-14PD01	26.00	32.00
A2001WR-S-15PD01	28.00	34.00
A2001WR-S-16PD01	30.00	36.00

Unit:mm



A2001 SERIES

2.00mm pitch wire to board connector



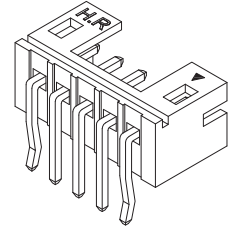
A2001WVR

—2.00mm pitch 90° Wafer—

Reference Informations:

- *Material: Pin: Brass/Tin-plated
Wafer: Nylon 66,UL94V-0
- *Mates with H.R A2001 series Housing
- *Nylon 6T or Nylon 46 is available

	A2001WVR-05P N 0 W T1 N K0 G						
	①	②	③	④	⑤	⑥	⑦
① N=Halogen Free							
② Material: 0=Nylon 66-V0, 6=Nylon 6T							
③ Color: W=White, B=Black							
④ Plating code: T1=Tin-plated, G1=Gold-flash							
⑤ Plating code: N=Non-plating							
⑥ Option code: K0=With pin kink, 00=Without pin kink							
⑦ Packing code: G=Bag							



Ordering Information:

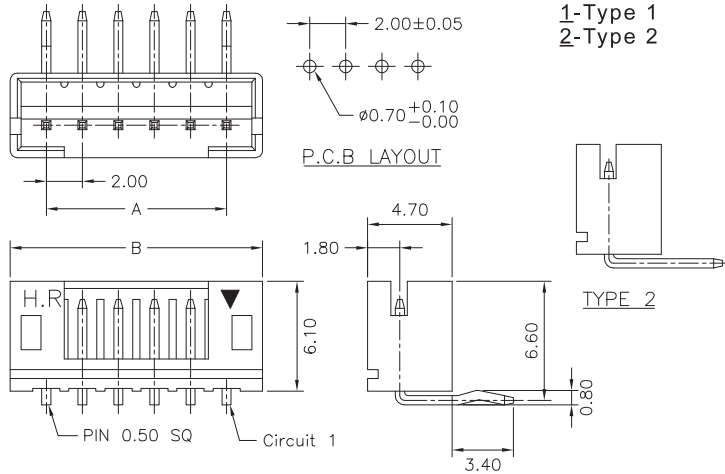
A2001WVR-XP *

1. Part No.

2. Style:

1-Type 1

2-Type 2



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2001WVR-02P	2.00	6.00
A2001WVR-03P	4.00	8.00
A2001WVR-04P	6.00	10.00
A2001WVR-05P	8.00	12.00
A2001WVR-06P	10.00	14.00
A2001WVR-07P	12.00	16.00
A2001WVR-08P	14.00	18.00
A2001WVR-09P	16.00	20.00
A2001WVR-10P	18.00	22.00
A2001WVR-11P	20.00	24.00
A2001WVR-12P	22.00	26.00
A2001WVR-13P	24.00	28.00
A2001WVR-14P	26.00	30.00
A2001WVR-15P	28.00	32.00
A2001WVR-16P	30.00	34.00
A2001WVR-17P	32.00	36.00
A2001WVR-18P	34.00	38.00

Unit:mm