

## SPECIFICATIONS:

- Voltage rating: 250V AC/DC
- Current rating: 3A AC/DC
- Withstanding Voltage: 1000V AC/minute
- Insulation resistance: 1000MΩ Min.
- Temperature range: -25°C To +85°C
- Contact resistance: 20mΩ Max.

## Standards

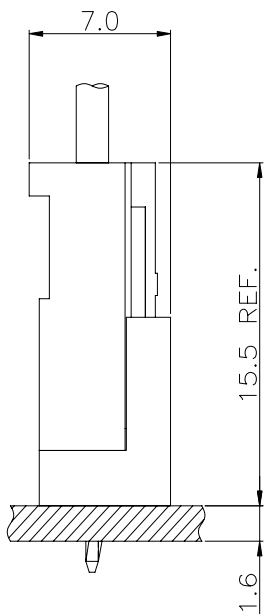
HSF



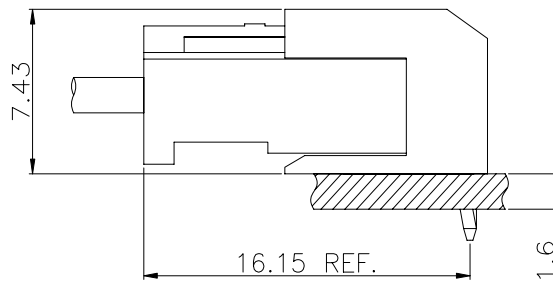
RoHS

Wire to Board

## Assembly Layout



DIP TYPE

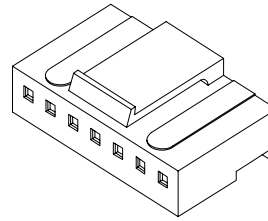
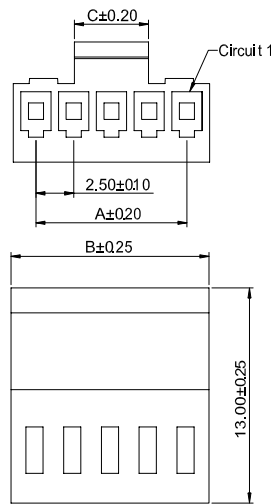


Connectors Expert Around You

## 2.5mm Pitch housing connector

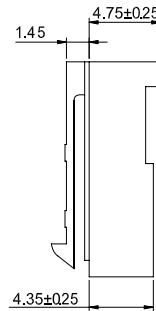
### HOUSING

- Part NO.: AH2506-xP
- Suitable: AT2506T series Terminal
- Mates with: AW2506 series Wafer
- Material: Nylon 66, UL94V-0
- Color: Pink



Ordering Information & Dimensions

PART NO.	Dimensions		
	A	B	C
AH2506-2P	2.50	5.50	2.00
AH2506-3P	5.00	8.00	2.50
AH2506-4P	7.50	10.50	5.00
AH2506-5P	10.00	13.00	5.00
AH2506-6P	12.50	15.50	6.00
AH2506-7P	15.00	18.00	8.00
AH2506-8P	17.50	20.50	10.00
AH2506-9P	20.00	23.00	10.00
AH2506-10P	22.50	25.50	10.00
AH2506-11P	25.00	28.00	11.00
AH2506-12P	27.50	30.50	11.00
AH2506-13P	30.00	33.00	13.00
AH2506-14P	32.50	35.50	13.00
AH2506-15P	35.00	38.00	13.00

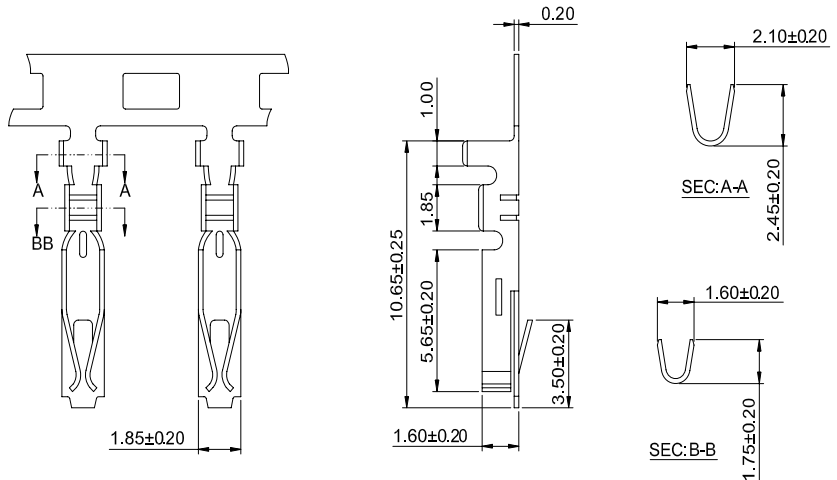


Wire to Board

## 2.5mm Pitch crimp terminal connector

### TERMINAL

- Part NO.: AT2506T-xP
- Applicable wire: AWG#22-#28
- Material: Phosphor Bronze
- Finish: Tin Plated or Gold
- Used in AH2506 series Housing



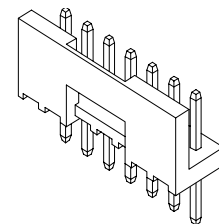
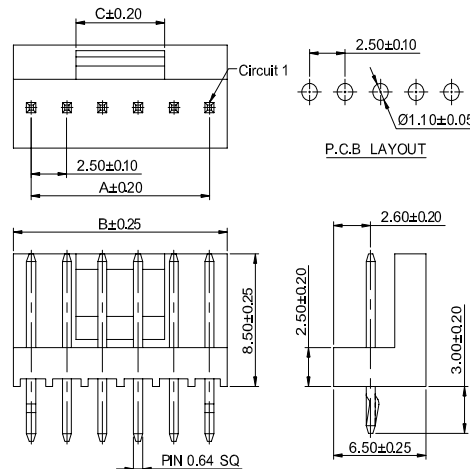
Ordering information & Specifications:

Part NO	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
AT2506T-TP	AWG#22-#28	1.70mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
AT2506T-GP	AWG#22-#28	1.70mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

## 2.5mm Pitch 180° wafer connector

### WAFER

- Part NO.: AW2506V-xP
- Material: Pin: Brass/Tin over Nickel
- Insulator: Nylon 66, UL94V-0
- Mates with: AH2506 series Housing
- Color: White



Ordering Information & Dimensions

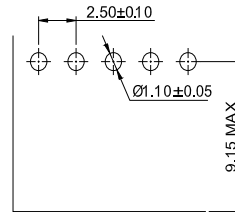
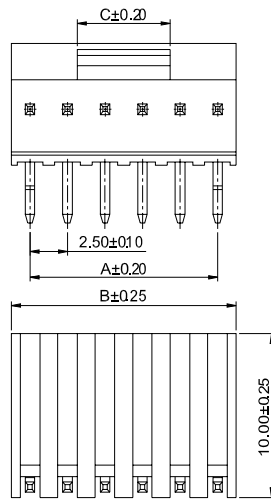
PART NO.	Dimensions		
	A	B	C
AW2506V-2P	2.50	5.00	2.20
AW2506V-3P	5.00	7.50	2.70
AW2506V-4P	7.50	10.00	5.20
AW2506V-5P	10.00	12.50	5.20
AW2506V-6P	12.50	15.00	6.20
AW2506V-7P	15.00	17.50	8.20
AW2506V-8P	17.50	20.00	10.20
AW2506V-9P	20.00	22.50	10.20
AW2506V-10P	22.50	25.00	10.20
AW2506V-11P	25.00	27.50	11.20
AW2506V-12P	27.50	30.00	11.20
AW2506V-13P	30.00	32.50	13.20
AW2506V-14P	32.50	35.00	13.20
AW2506V-15P	35.00	38.50	13.20

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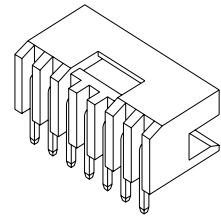
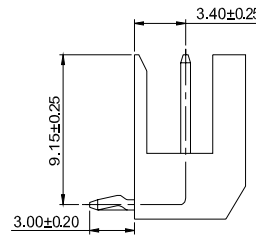
## 2.50mm Pitch 90° wafer connector

WAFER

- Part NO.:AW2506R-xP
- Material:Pin:Brass/Tin over Nickel
- Insulator:Nylon 66,UL94V-0
- Mates with:AH2506 series Housing
- Color:White



P.C.B LAYOUT



Ordering Information & Dimensions

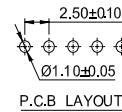
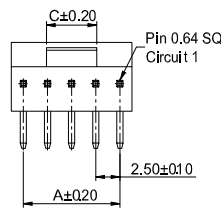
PART NO.	Dimensions		
	A	B	C
AW2506R-2P	2.50	5.00	2.20
AW2506R-3P	5.00	7.50	2.70
AW2506R-4P	7.50	10.00	5.20
AW2506R-5P	10.00	12.50	5.20
AW2506R-6P	12.50	15.00	6.20
AW2506R-7P	15.00	17.50	8.20
AW2506R-8P	17.50	20.00	10.20
AW2506R-9P	20.00	22.50	10.20
AW2506R-10P	22.50	25.00	10.20
AW2506R-11P	25.00	27.50	11.20
AW2506R-12P	27.50	30.00	11.20
AW2506R-13P	30.00	32.50	13.20
AW2506R-14P	32.50	35.00	13.20
AW2506R-15P	35.00	38.50	13.20

Wire to Board

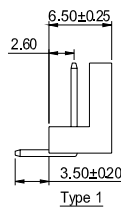
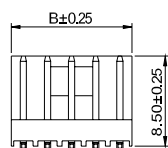
## 2.50mm Pitch 90° wafer connector

WAFER

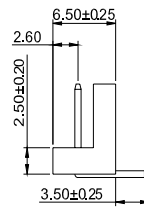
- Part NO.:AW2506RA-xP
- Material:Pin:Brass/Tin over Nickel
- Insulator:Nylon 66,UL94V-0
- Mates with:AH2506 series Housing
- Color:Pink



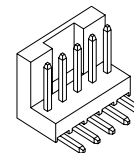
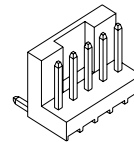
P.C.B LAYOUT



Type 1



Type 2



Ordering Information & Dimensions

PART NO.	Dimensions		
	A	B	C
AW2506RA-2P	2.50	5.00	2.20
AW2506RA-3P	5.00	7.50	2.70
AW2506RA-4P	7.50	10.00	5.20
AW2506RA-5P	10.00	12.50	5.20
AW2506RA-6P	12.50	15.00	6.20
AW2506RA-7P	15.00	17.50	8.20
AW2506RA-8P	17.50	20.00	10.20
AW2506RA-9P	20.00	22.50	10.20
AW2506RA-10P	22.50	25.00	10.20
AW2506RA-11P	25.00	27.50	11.20
AW2506RA-12P	27.50	30.00	11.20
AW2506RA-13P	30.00	32.50	13.20
AW2506RA-14P	32.50	35.00	13.20
AW2506RA-15P	35.00	38.50	13.20