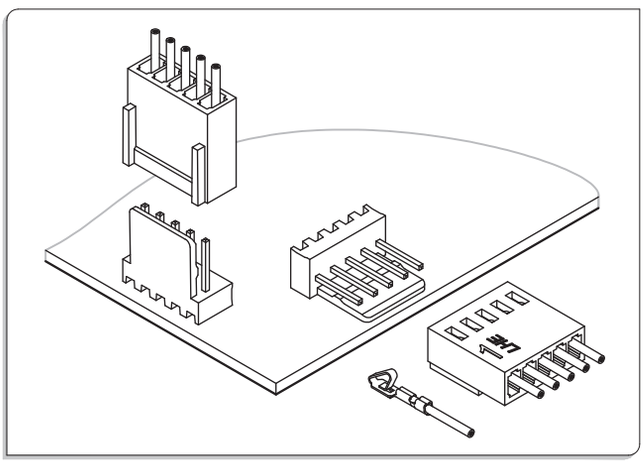
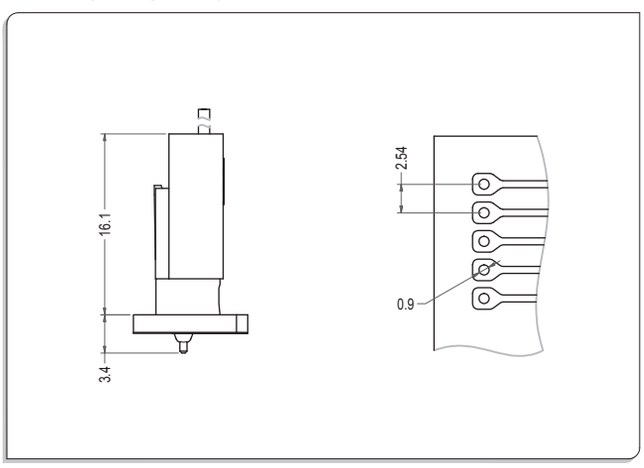


## Specifications

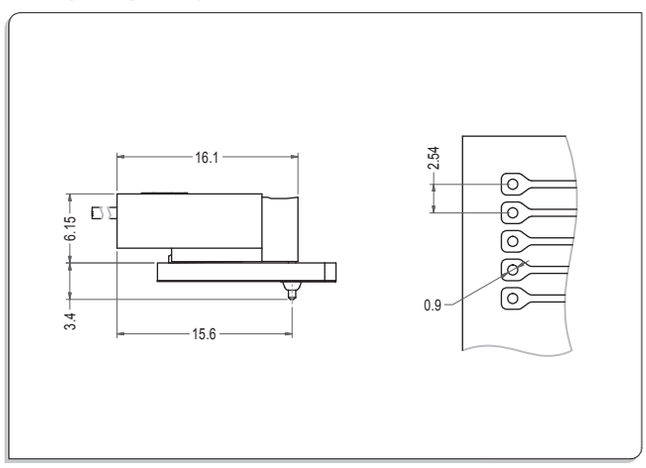
1、Poles：2 to 16P
2、Current rating：4.0A AC,DC
3、Voltage rating：250V AC,DC
4、Temperature range：-25℃ to +85℃
(Including temperature rise in applying electrical current)
5、Contact resistance：Initia l value / ≤ 10mΩ
After environmenta l testing / ≤ 20mΩ
6、Insulation resistance：≥ 1000MΩ
7、Withstanding voltage：1000V AC/minute
8、Applicable wire：AW G #28 to #22
9、Applicable PC board thickness：1.6mm

## Mounting Measurement

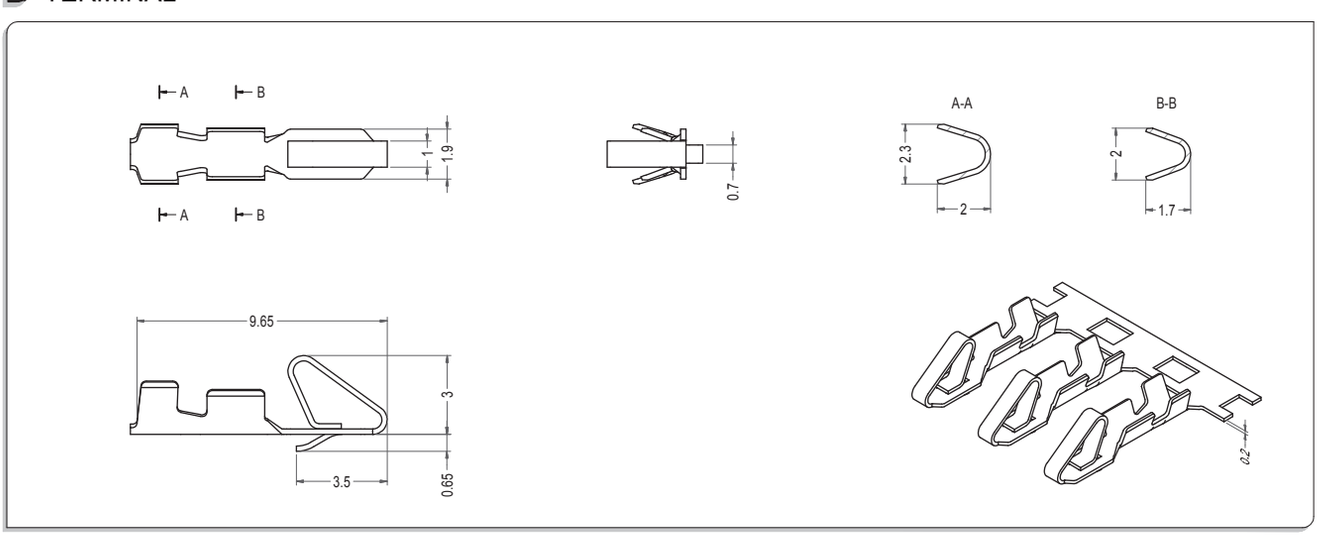
### Straight Angle(V-Type)




### Right Angle(R-Type)



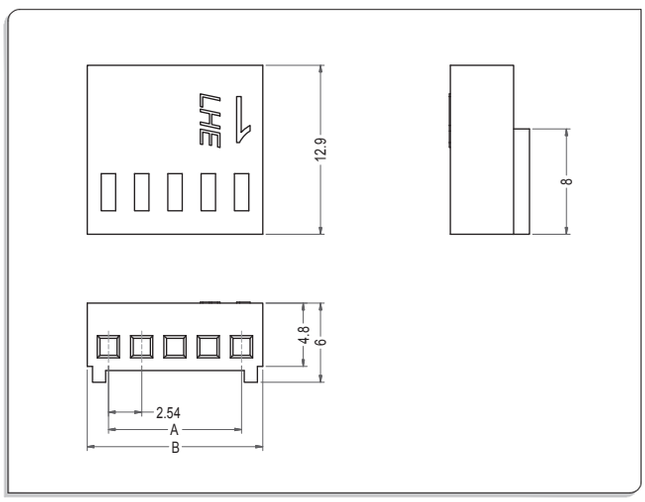

## TERMINAL




| Part No. | Section Area mm | Wire Range | Insulation O.D | Material | Finish | Qty/reel |
|---|---|---|---|---|---|---|
| WA254-TT | 0.08 to 0.33 | AWG #28 to #22 | 1.2 to 1.9mm | Phosphor bronze | Tin-plated | 10,000pcs |
| WA254-TG | 0.08 to 0.33 | AWG #28 to #22 | 1.2 to 1.9mm | Phosphor bronze | Nickel-Gold | 10,000pcs |

## HOUSING

Material：Nylon 66 UL94V-0



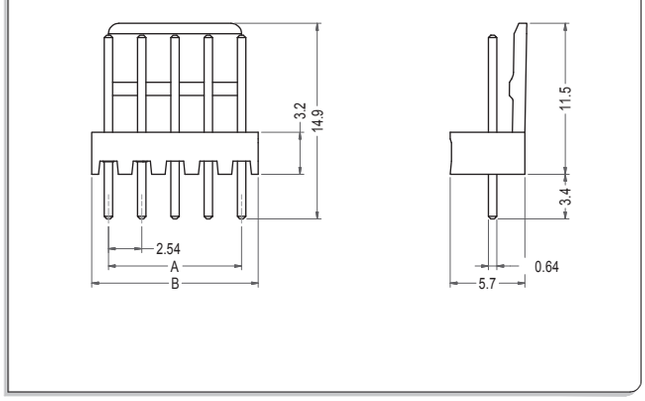

| Poles | Part No. | DIM=A | DIM=B |
|---|---|---|---|
| 2 | WA254-02H | 2.54 | 5.76 |
| 3 | WA254-03H | 5.08 | 8.30 |
| 4 | WA254-04H | 7.62 | 10.84 |
| 5 | WA254-05H | 10.16 | 13.38 |
| 6 | WA254-06H | 12.70 | 15.92 |
| 7 | WA254-07H | 15.24 | 18.46 |
| 8 | WA254-08H | 17.78 | 21.00 |
| 9 | WA254-09H | 20.32 | 23.54 |
| 10 | WA254-10H | 22.86 | 26.08 |
| 11 | WA254-11H | 25.40 | 28.62 |
| 12 | WA254-12H | 27.94 | 31.16 |
| -- | -- -- | -- | -- |
| 16 | WA254-16H | 38.10 | 41.32 |

## WAFER

Material：Nylon 66 UL94V-0 & Brass/Tin-plated

Straight Angle(V-Type)

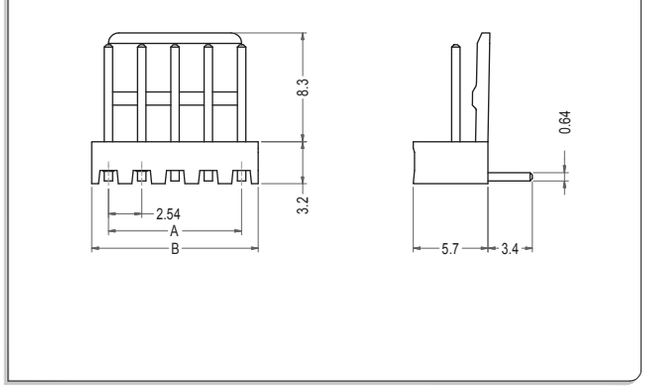
WA254-XXS



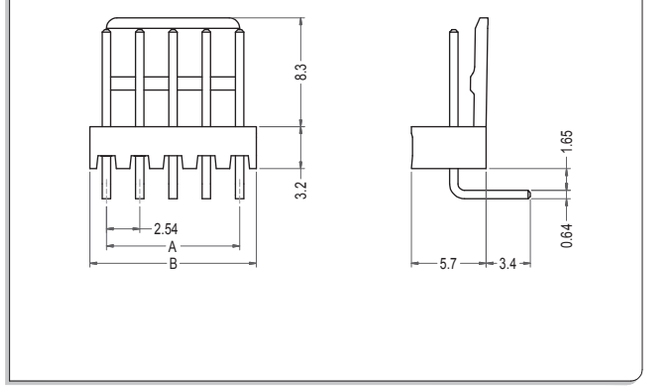

| Poles | Part No. | DIM=A | DIM=B |
|---|---|---|---|
| 2 | WA254-02S | 2.54 | 5.08 |
| 3 | WA254-03S | 5.08 | 7.62 |
| -- | -- -- | -- | -- |
| 16 | WA254-16S | 38.10 | 40.64 |
| 2 | WA254-02RG | 2.54 | 5.08 |
| 3 | WA254-03RG | 5.08 | 7.62 |
| -- | -- -- | -- | -- |
| 16 | WA254-16RG | 38.10 | 40.64 |
| 2 | WA254-02RR | 2.54 | 5.08 |
| 3 | WA254-03RR | 5.08 | 7.62 |
| -- | -- -- | -- | -- |
| 16 | WA254-16RR | 38.10 | 40.64 |

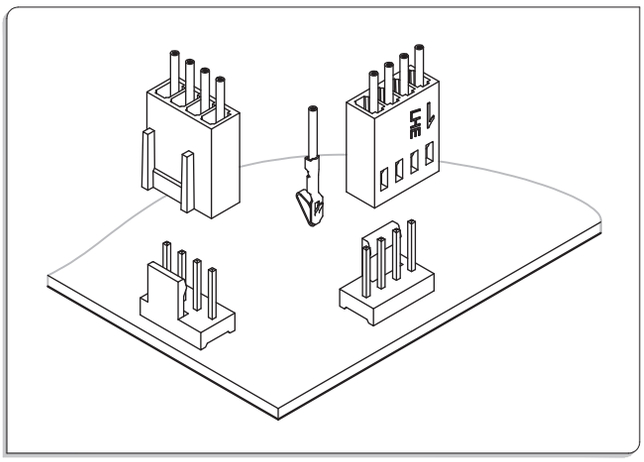
Right Angle(R-Type)

WA254-XXRG




WA254-XXRR



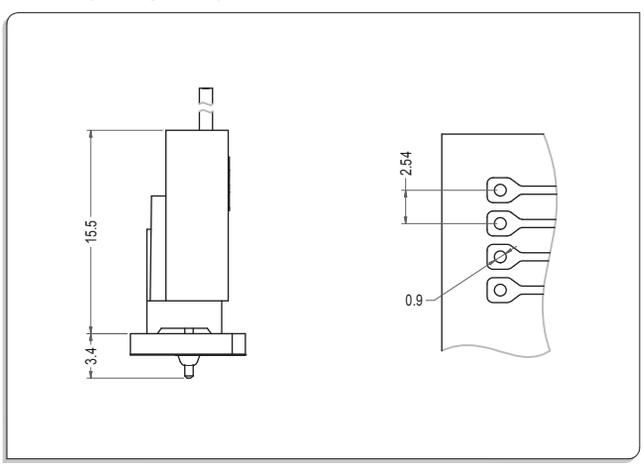


## Specifications

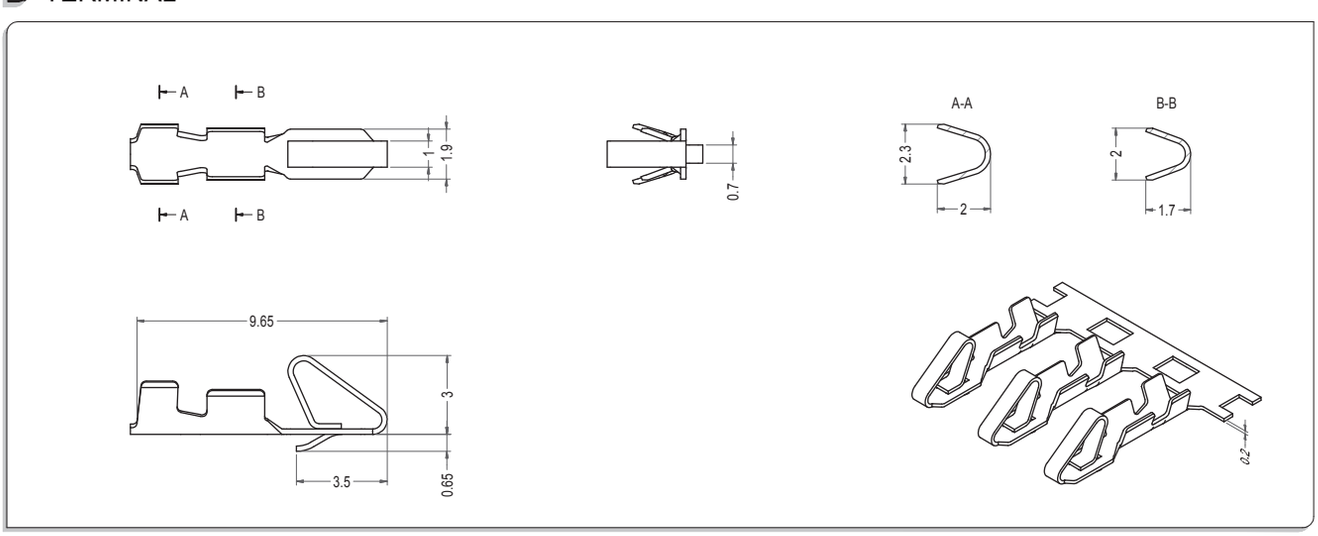
1、Poles：4P
2、Current rating：4.0A AC,DC
3、Voltage rating：250V AC,DC
4、Temperature range：-25℃ to +85℃
(Including temperature rise in applying electrical current)
5、Contact resistance： Initial value / ≤ 10mΩ
After environmenta l testing / ≤ 20mΩ
6、Insulation resistance：≥ 1000MΩ
7、Withstanding voltage：1000V AC/minute
8、Applicable wire：AW G #28 to #22
9、Applicable PC board thickness：1.6mm

## Mounting Measurement

Straight Angle(V-Type)



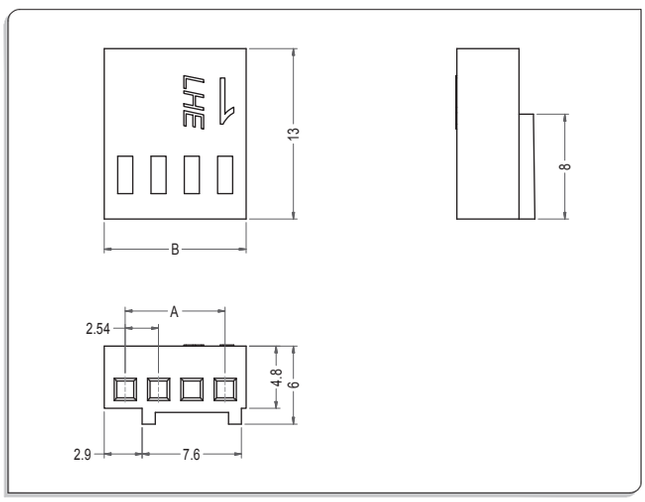

## TERMINAL




| Part No. | Section Area mm | Wire Range | Insulation O.D | Material | Finish | Qty/reel |
|---|---|---|---|---|---|---|
| WA254-TT | 0.08 to 0.33 | AWG #28 to #22 | 1.2 to 1.9mm | Phosphor bronze | Tin-plated | 10,000pcs |
| WA254-TG | 0.08 to 0.33 | AWG #28 to #22 | 1.2 to 1.9mm | Phosphor bronze | Nickel-Gold | 10,000pcs |

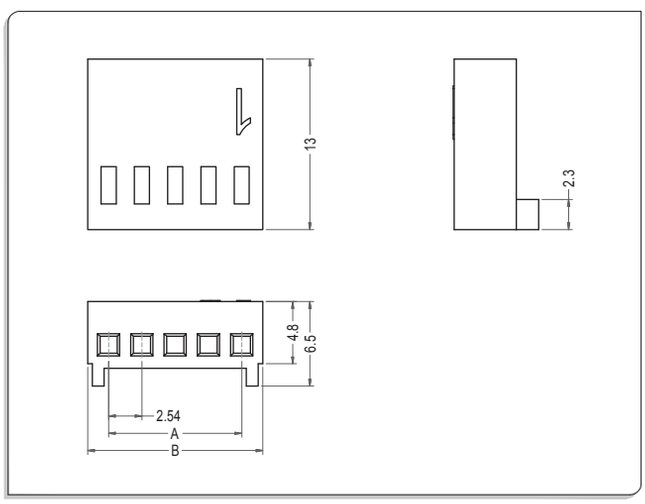
## HOUSING

Material： Nylon 66 UL94V-0




| Poles | Part No. | DIM=A | DIM=B |
|---|---|---|---|
| 4 | WA254-04HS | 7.62 | 10.84 |

Material： Nylon 66 UL94V-0

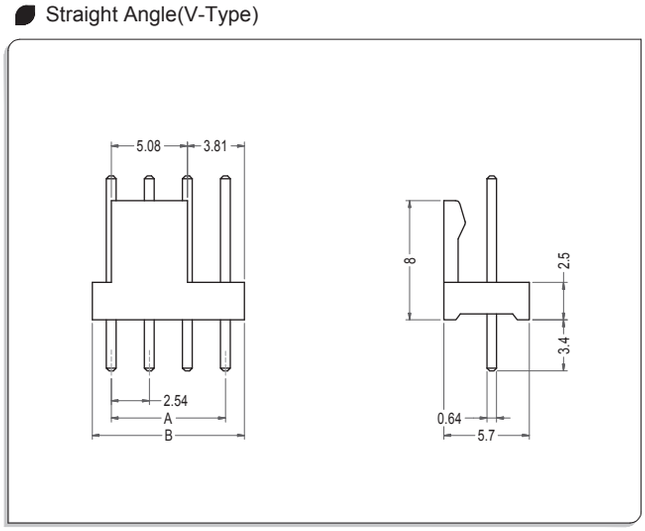



| Poles | Part No. | DIM=A | DIM=B |
|---|---|---|---|
| 2 | WA254-02HC | 2.54 | 5.76 |
| 3 | WA254-03HC | 5.08 | 8.30 |
| 4 | WA254-04HC | 7.62 | 10.84 |
| 5 | WA254-05HC | 10.16 | 13.38 |
| 6 | WA254-06HC | 12.70 | 15.92 |
| 7 | WA254-07HC | 15.24 | 18.46 |
| 8 | WA254-08HC | 17.78 | 21.00 |
| 9 | WA254-09HC | 20.32 | 23.54 |
| 10 | WA254-10HC | 22.86 | 26.08 |
| 11 | WA254-11HC | 25.40 | 28.62 |
| 12 | WA254-12HC | 27.94 | 31.16 |
| -- | -- -- | -- | -- |
| 16 | WA254-16HC | 38.10 | 41.32 |

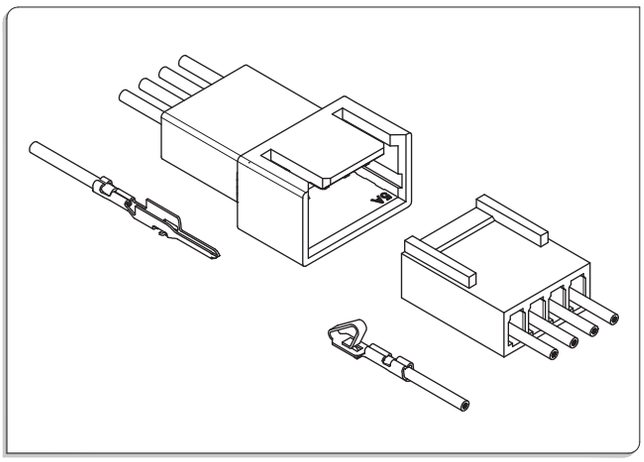
## WAFER

Material： Nylon 66 UL94V-0 & Brass/Tin-plated

Straight Angle(V-Type)




| Poles | Part No. | DIM=A | DIM=B |
|---|---|---|---|
| 4 | WA254-04SS | 7.62 | 10.16 |

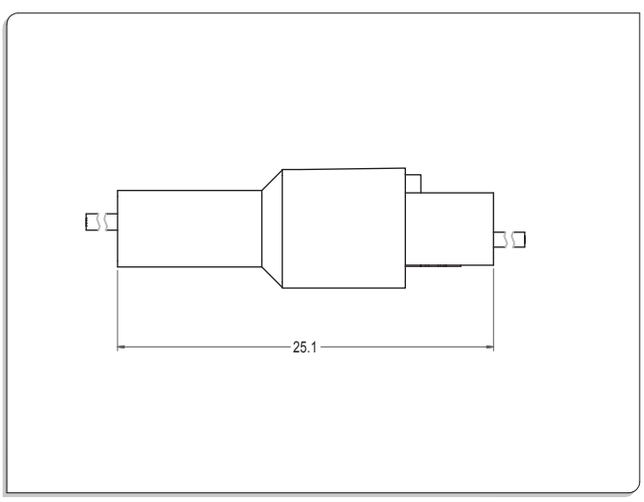


## Specifications

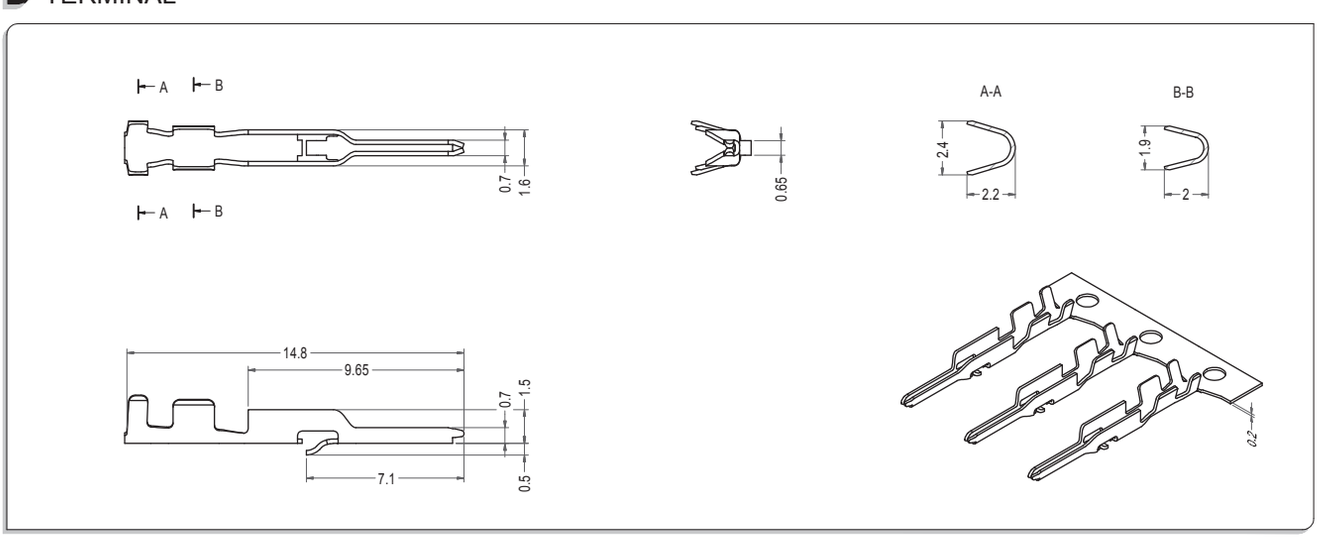
1、Poles：2 to 4P
2、Current rating：2.0A AC,DC
3、Voltage rating：250V AC,DC
4、Temperature range：-25℃ to +85℃
(Including temperature rise in applying electrical current)
5、Contact resistance： Initial value / ≤ 20mΩ
After environmenta l testing / ≤ 30mΩ
6、Insulation resistance：≥ 1000MΩ
7、Withstanding voltage：1000V AC/minute
8、Applicable wire：AW G #28 to #22



## Mounting Measurement



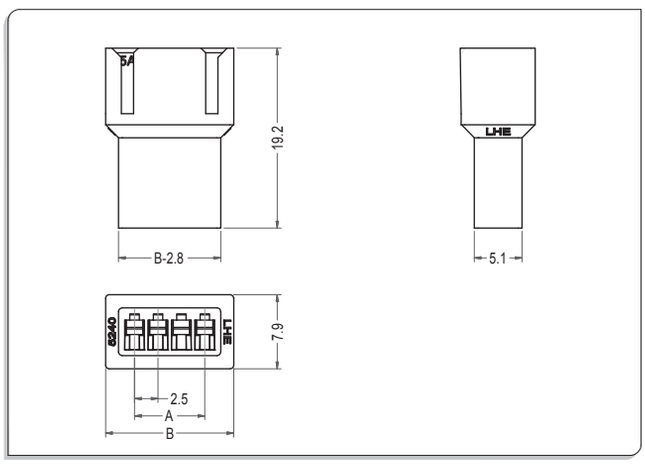

## TERMINAL




| Part No. | Section Area mm | Wire Range | Insulation O.D | Material | Finish | Qty/reel |
|---|---|---|---|---|---|---|
| WA254-TTP | 0.08 to 0.33 | AWG #28 to #22 | 1.0 to 1.7mm | Phosphor bronze | Tin-plated | 11,000pcs |

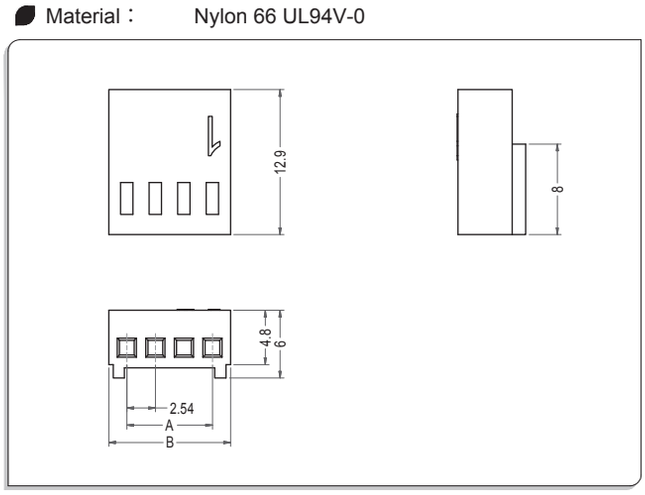
## HOUSING

Material： Nylon 66 UL94V-0



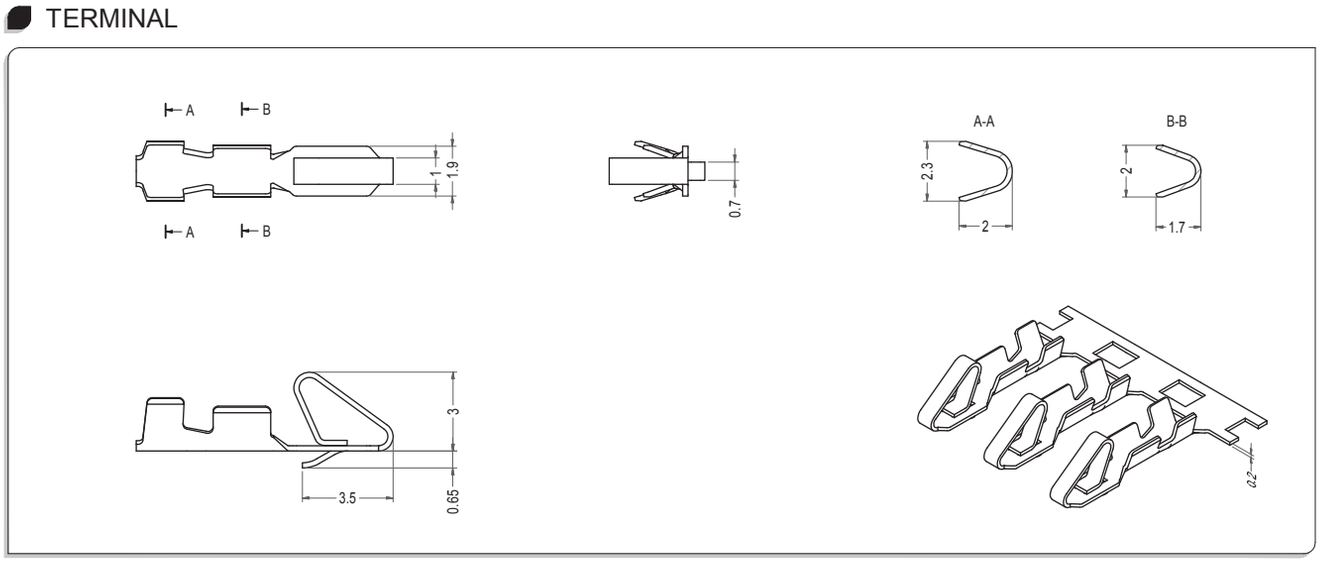

| Poles | Part No. | DIM=A | DIM=B |
|---|---|---|---|
| 2 | WA25402HS | 2.50 | 8.70 |
| 3 | WA254-03HS | 5.00 | 11.20 |
| 4 | WA254-04HS | 7.50 | 13.70 |

Material： Nylon 66 UL94V-0

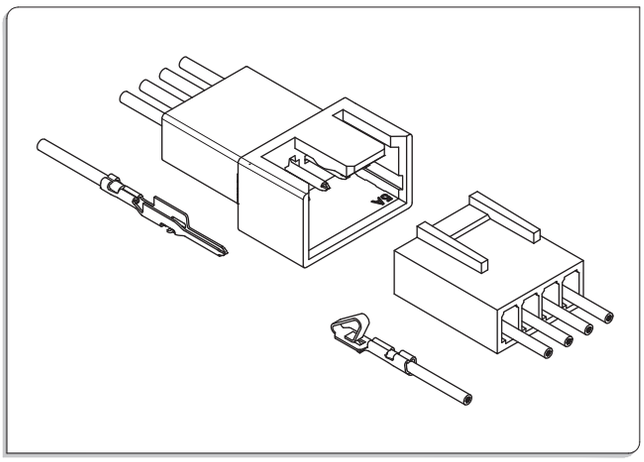



| Poles | Part No. | DIM=A | DIM=B |
|---|---|---|---|
| 2 | WA254-02H | 2.54 | 5.76 |
| 3 | WA254-03H | 5.08 | 8.30 |
| 4 | WA254-04H | 7.62 | 10.84 |
| 5 | WA254-05H | 10.16 | 13.38 |
| 6 | WA254-06H | 12.70 | 15.92 |
| 7 | WA254-07H | 15.24 | 18.46 |
| 8 | WA254-08H | 17.78 | 21.00 |
| 9 | WA254-09H | 20.32 | 23.54 |
| 10 | WA254-10H | 22.86 | 26.08 |
| 11 | WA254-11H | 25.40 | 28.62 |
| 12 | WA254-12H | 27.94 | 31.16 |
| -- | -- -- | -- | -- |
| 16 | WA254-16H | 38.10 | 41.32 |

## TERMINAL



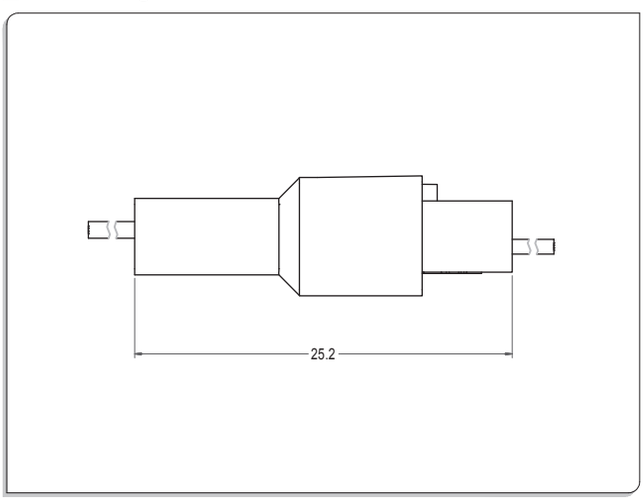

| Part No. | Section Area mm | Wire Range | Insulation O.D | Material | Finish | Qty/reel |
|---|---|---|---|---|---|---|
| WA254-TT | 0.08 to 0.33 | AWG #28 to #22 | 1.2 to 1.9mm | Phosphor bronze | Tin-plated | 10,000pcs |
| WA254-TG | 0.08 to 0.33 | AWG #28 to #22 | 1.2 to 1.9mm | Phosphor bronze | Nickel-Gold | 10,000pcs |



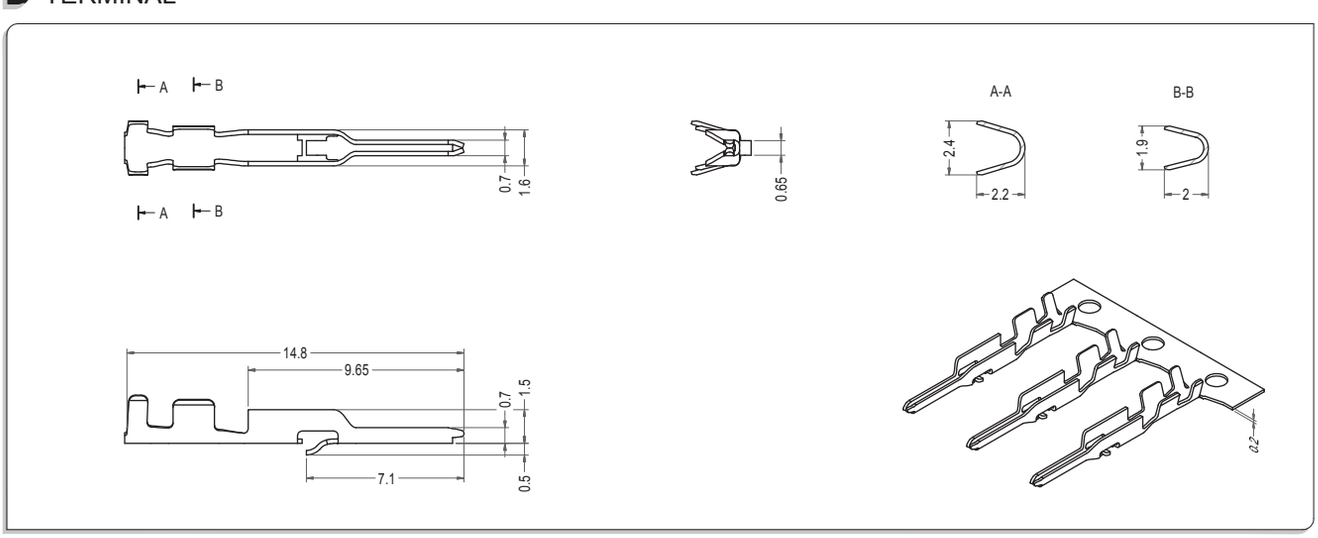
## Specifications

1、Poles：4P
2、Current rating：2.0A AC,DC
3、Voltage rating：250V AC,DC
4、Temperature range：-25℃ to +85℃
(Including temperature rise in applying electrical current)
5、Contact resistance： Initial value / ≤ 20mΩ
After environmenta l testing / ≤ 30mΩ
6、Insulation resistance：≥ 1000MΩ
7、Withstanding voltage：1000V AC/minute
8、Applicable wire：AW G #28 to #22

## Mounting Measurement



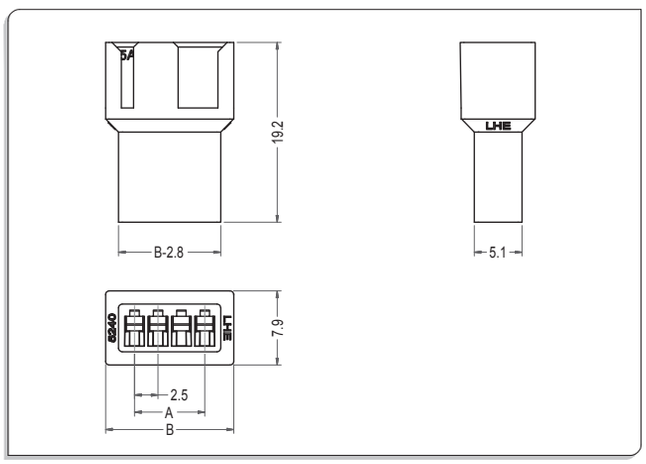

## TERMINAL




| Part No. | Section Area mm | Wire Range | Insulation O.D | Material | Finish | Qty/reel |
|---|---|---|---|---|---|---|
| WA254P-TTP | 0.08 to 0.33 | AWG #28 to #22 | 1.0 to 1.7mm | Phosphor bronze | Tin-plated | 11,000pcs |

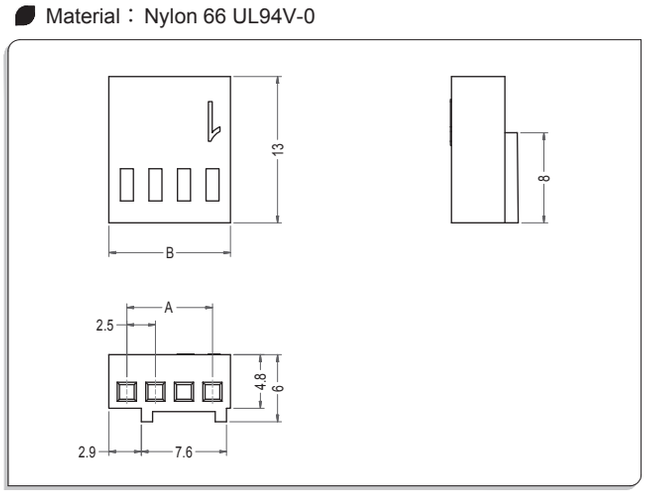
## HOUSING

Material：Nylon 66 UL94V-0



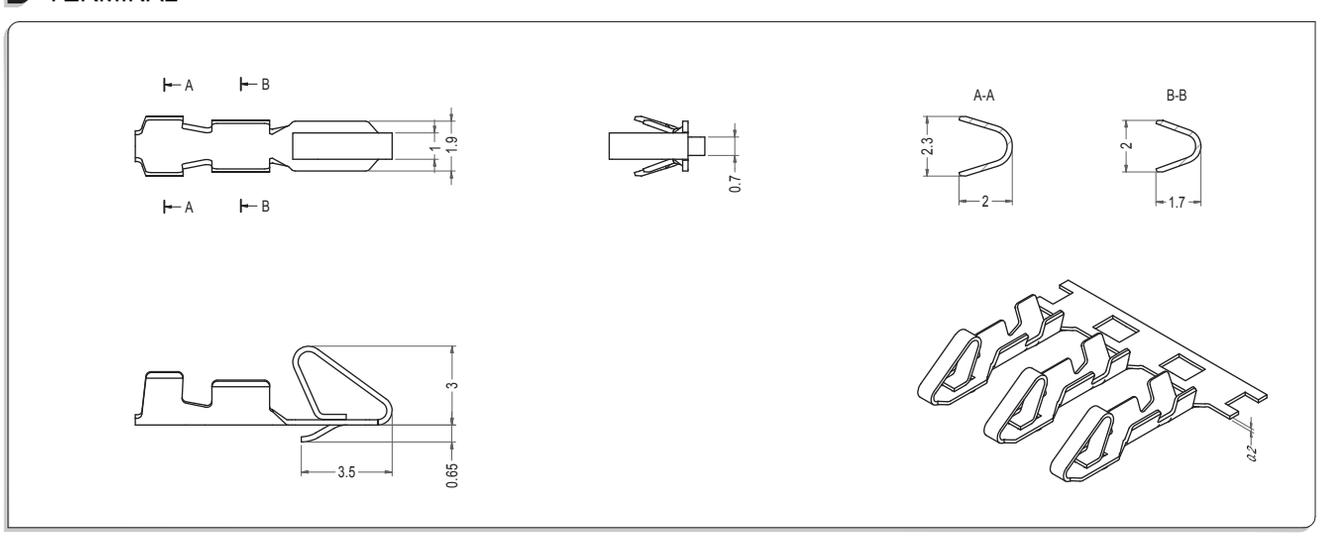

| Poles | Part No. | DIM=A | DIM=B |
|---|---|---|---|
| 4 | WA254P-04HP | 7.50 | 13.70 |

Material：Nylon 66 UL94V-0




| Poles | Part No. | DIM=A | DIM=B |
|---|---|---|---|
| 4 | WA254P-04HS | 7.62 | 10.84 |

## TERMINAL




| Part No. | Section Area mm | Wire Range | Insulation O.D | Material | Finish | Qty/reel |
|---|---|---|---|---|---|---|
| WA254P-TT | 0.08 to 0.33 | AWG #28 to #22 | 1.2 to 1.9mm | Phosphor bronze | Tin-plated | 10,000pcs |
| WA254P-TG | 0.08 to 0.33 | AWG #28 to #22 | 1.2 to 1.9mm | Phosphor bronze | Nickel-Gold | 10,000pcs |