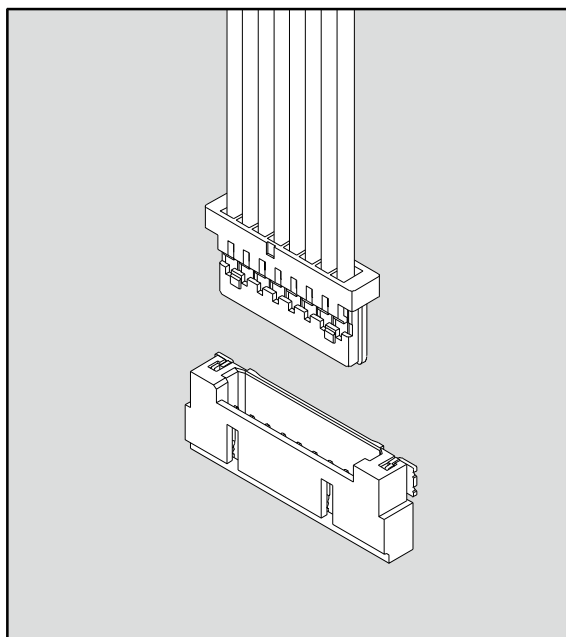
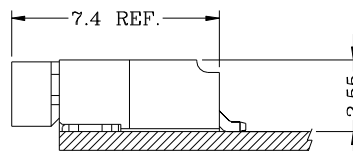




## Assembly Layout



A

## Connector Product Number

| A1255    **   #   -NP   * - **      |                                                                     |   |                                                                                                         |                                                                                                                                                                                                                   |   |
|-------------------------------------|---------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| ①                                   | ②                                                                   | ③ | ④                                                                                                       | ⑤                                                                                                                                                                                                                 | ⑥ |
| ① Series No : A1255                 | ② Connection Type<br>H0 : Terminal socket<br>WR : Right-angle wafer |   | ④ No. of contacts (NP)<br>NP : Single row                                                               | ⑥ Void circuit(s)<br>(A~Z)# : Void pin<br><br>Contact Post finish<br>(Blank) : As specified<br>5e : Matte-tin over Nickel<br>0* : Gold over Nickel<br><br>HF : Halogen-free products<br>66 : Nylon 66-V0 material |   |
| ③ Flame Class<br>0 : UL Rated 94V-0 |                                                                     |   | ⑤ Product color / Mount type<br>Blank : Natural color<br>S : SMT-type wafer<br>SBS : SMT-type with Boss |                                                                                                                                                                                                                   |   |

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

## Specifications:

|                       |                |
|-----------------------|----------------|
| Poles                 | 2~30 Poles     |
| Pitch between poles   | 1.25mm         |
| Rated Voltage         | 150V AC,DC     |
| Rated Current         | 1A (AWG #26)   |
| Withstand Voltage     | 500V AC/minute |
| Contact Resistance    | 30mΩ (MAX.)    |
| Insulation Resistance | 500MΩ (MIN.)   |
| Temperature Range     | -35~+85°C      |
| Applicable Wire Range | AWG #26~#32    |

UL Recognized No. E144544



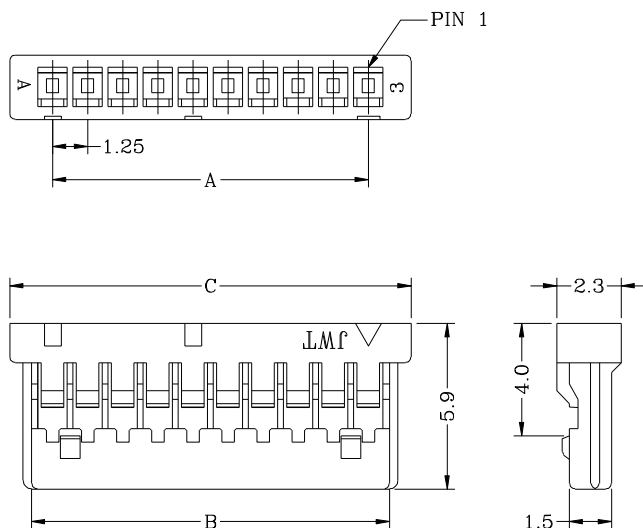
RoHS II-specification and  
Halogen-free products.

Note: Not applicable to all parts. For specific safety  
and compliance issues, contact JWT for details.

## A1255 Series 1.25mm pitch crimp terminal socket

### Features:

- \* Material : Nylon 66 +15%GF / Nylon 66 UL 94V-0
- \* Suitable for JWT A1255T0P-\*\* terminal
- \* JWT P/N : A1255H00-NP-\*\*



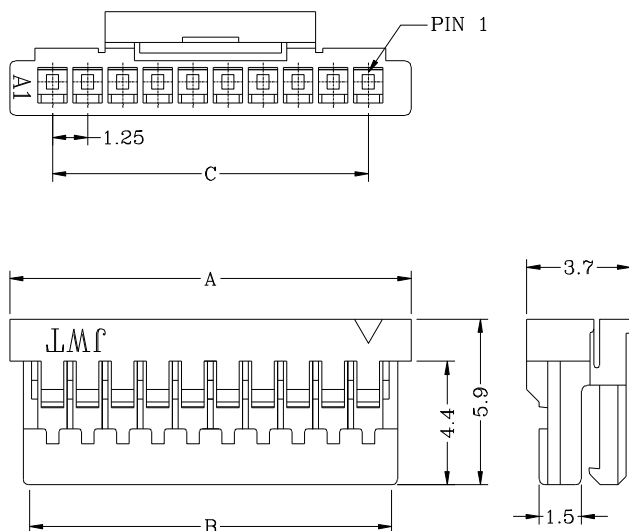
### Dimensional Information:

| Circuits | Dimensions |       |       | Pcs/Bag |
|----------|------------|-------|-------|---------|
|          | A          | B     | C     |         |
| 2        | 1.25       | 2.75  | 4.30  | 1000    |
| 3        | 2.50       | 4.00  | 5.55  | 1000    |
| 4        | 3.75       | 5.25  | 6.80  | 1000    |
| 5        | 5.00       | 6.50  | 8.05  | 1000    |
| 6        | 6.25       | 7.75  | 9.30  | 1000    |
| 7        | 7.50       | 9.00  | 10.55 | 1000    |
| 8        | 8.75       | 10.25 | 11.80 | 1000    |
| 9        | 10.00      | 11.50 | 13.05 | 1000    |
| 10       | 11.25      | 12.75 | 14.30 | 1000    |
| 12       | 13.75      | 15.25 | 16.80 | 1000    |
| 15       | 17.50      | 19.00 | 20.55 | 1000    |
| 20       | 23.75      | 25.25 | 26.80 | 1000    |
| 25       | 30.00      | 31.50 | 33.05 | 1000    |
| 30       | 36.25      | 37.75 | 39.30 | 1000    |

## A1255 Series 1.25mm pitch lock type terminal socket

### Features:

- \* Material : Nylon 66 +15%GF / Nylon 66 UL 94V-0
- \* Suitable for JWT A1255T0P-\*\* terminal
- \* JWT P/N : A1255H00-NP-HK-\*\*



### Dimensional Information:

| Circuits | Dimensions |       |       | Pcs/Bag |
|----------|------------|-------|-------|---------|
|          | A          | B     | C     |         |
| 4        | 6.80       | 5.40  | 3.75  | 1000    |
| 5        | 8.05       | 6.65  | 5.00  | 1000    |
| 6        | 9.30       | 7.90  | 6.25  | 1000    |
| 7        | 10.55      | 9.15  | 7.50  | 1000    |
| 8        | 11.80      | 10.40 | 8.75  | 1000    |
| 9        | 13.05      | 11.65 | 10.00 | 1000    |
| 10       | 14.30      | 12.90 | 11.25 | 1000    |
| 12       | 16.80      | 15.40 | 13.75 | 1000    |
| 15       | 20.55      | 19.15 | 17.50 | 1000    |
| 20       | 26.80      | 25.40 | 23.75 | 1000    |
| 25       | 33.05      | 31.65 | 30.00 | 1000    |
| 30       | 39.30      | 37.90 | 36.25 | 1000    |

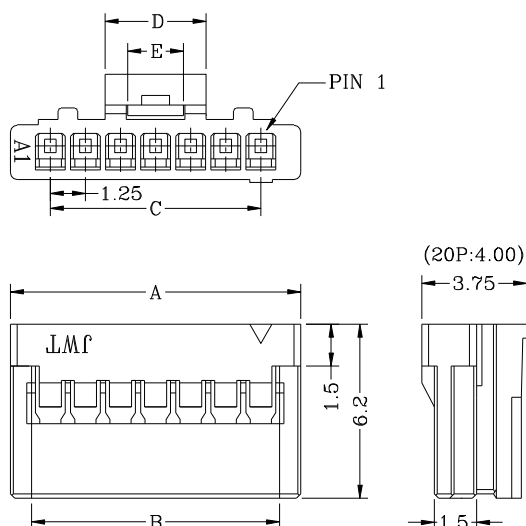
# A1255 Series 1.25mm pitch lock type terminal socket



## Features:

- \* Material : Nylon 66 UL 94V-0 (White)
- \* Suitable for JWT A1255TOP-B\*\* terminal
- \* JWT P/N : A1255H00-BNP-HK-\*\*

A



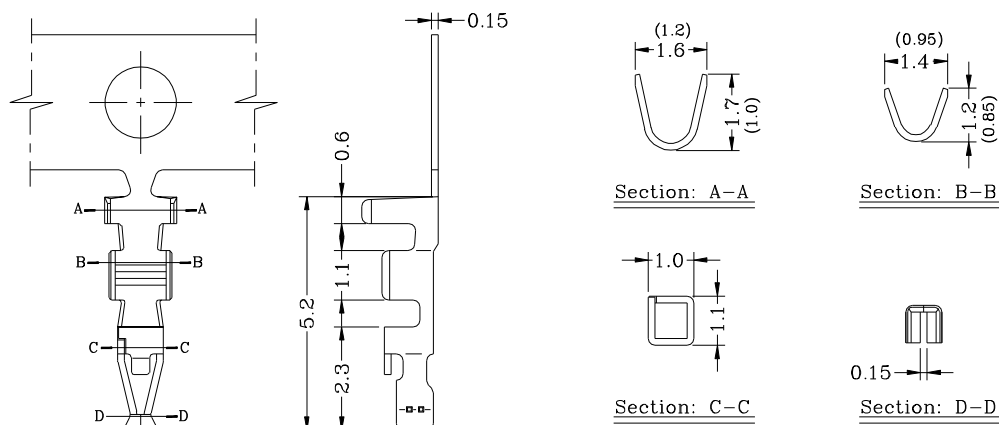
## Dimensional Information:

| Circuits | Dimensions |       |       |      |      | Pcs/Bag |
|----------|------------|-------|-------|------|------|---------|
|          | A          | B     | C     | D    | E    |         |
| 4        | 6.60       | 5.40  | 3.75  | 2.60 | 1.40 | 1000    |
| 5        | 7.85       | 6.65  | 5.00  | 3.60 | 2.00 | 1000    |
| 6        | 9.10       | 7.90  | 6.25  | 3.60 | 2.00 | 1000    |
| 7        | 10.35      | 9.15  | 7.50  | 3.60 | 2.00 | 1000    |
| 8        | 11.60      | 10.40 | 8.75  | 5.00 | 3.00 | 1000    |
| 9        | 12.85      | 11.65 | 10.00 | 5.00 | 3.00 | 1000    |
| 10       | 14.10      | 12.90 | 11.25 | 5.00 | 3.00 | 1000    |
| 12       | 16.60      | 15.40 | 13.75 | 5.00 | 3.00 | 1000    |
| 14       | 19.10      | 17.90 | 16.25 | 9.00 | 6.20 | 1000    |
| 15       | 20.35      | 19.15 | 17.50 | 9.00 | 6.20 | 1000    |
| 20       | 21.60      | 20.40 | 18.75 | 9.00 | 6.20 | 1000    |

# A1255 Series 1.25mm pitch crimp terminal

## Features:

- \* Used in JWT A1255H00-NP-\*\*/A1255H00-NP-HK-\*\* series socket



## Specification & Ordering Information:

| Part No       | Wire Range  | Insulation O.D. | Material        | Finish         | Qty/Reel   |
|---------------|-------------|-----------------|-----------------|----------------|------------|
| A1255TOP-2    | AWG #28~#32 | 0.90mm(max)     | Phosphor bronze | Tin-Plated     | 20,000 pcs |
| A1255TOP-0*   | AWG #28~#32 | 0.90mm(max)     | Phosphor bronze | Au over Nickel | 20,000 pcs |
| A1255T1P-2(e) | AWG #34~#38 | 0.50mm(max)     | Phosphor bronze | Tin-Plated     | 20,000 pcs |
| A1255T1P-0*   | AWG #34~#38 | 0.50mm(max)     | Phosphor bronze | Au over Nickel | 20,000 pcs |

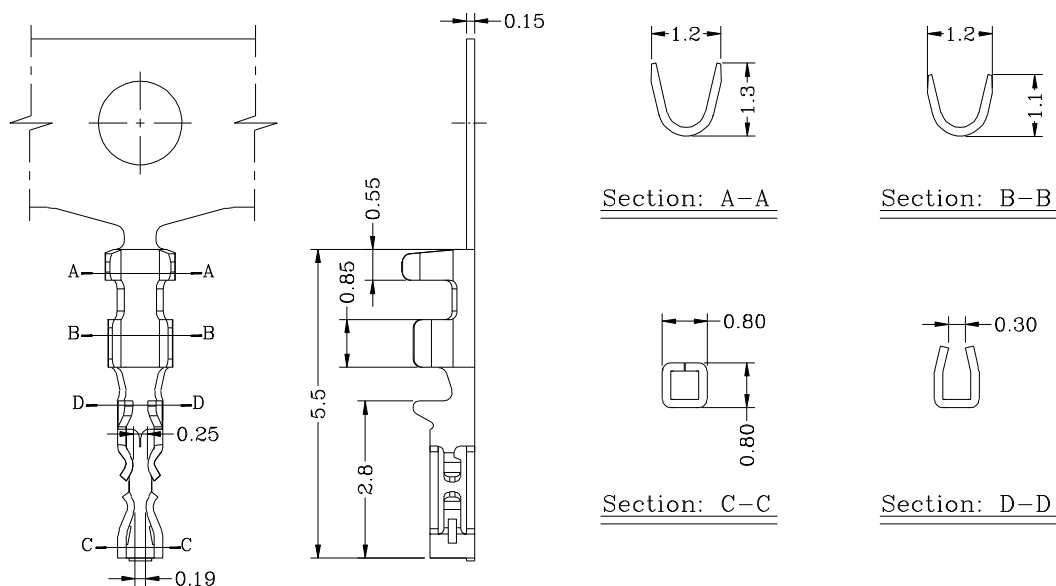
Note: \* (eg. 0, A, B...) designates Au-plate thickness identification.  
For availability, delivery and MOQ, contact JWT.



## A1255 Series 1.25mm pitch crimp terminal

### Features:

- \* Used in JWT A1255H00-BNP-HK-\*\* series socket



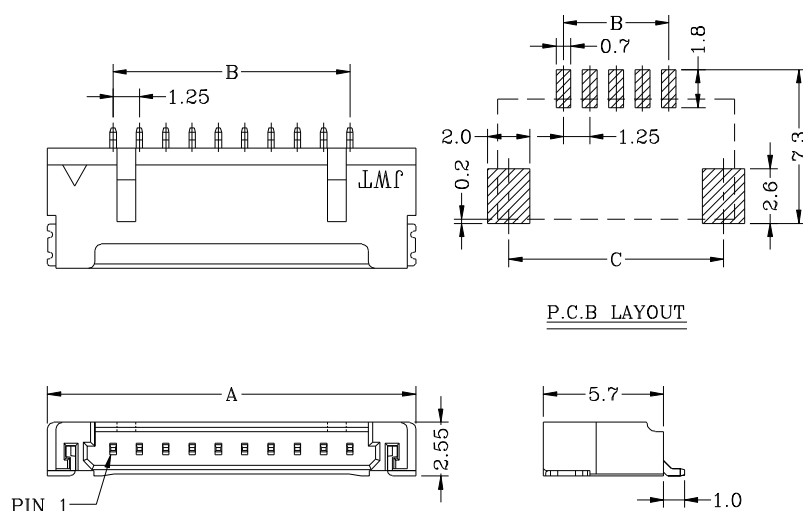
### Specification & Ordering Information:

| Part No     | Wire Range  | Insulation O.D. | Material        | Finish     | Qty/Reel   |
|-------------|-------------|-----------------|-----------------|------------|------------|
| A1255TOP-B2 | AWG #26~#32 | 0.90mm(max)     | Phosphor bronze | Tin-Plated | 20,000 pcs |

## A1255 Series 1.25mm pitch (R-SMT) wafer

### Features:

- \* Material : Insulator: Nylon 6T UL 94V-0 (Milky Yellow)  
Contact Post: 0.30mm<sup>t</sup> Phosphor Bronze, Tin-plated  
Solder Tab: 0.25mm<sup>t</sup> Brass, Tin-plated
- \* Mates with JWT A1255H00-NP-\*\* series socket
- \* JWT P/N : A1255WR0-NPS-\*\*



### Dimensional Information:

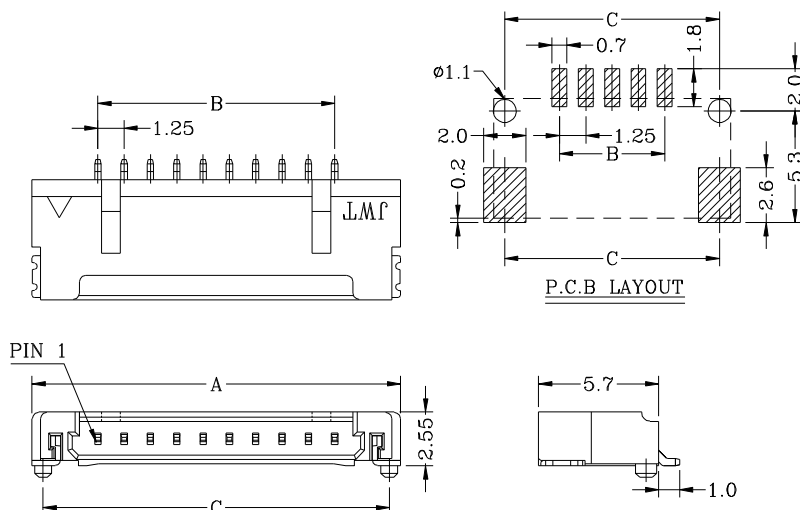
| Circuits | Dimensions |       |       | Pcs/Reel |
|----------|------------|-------|-------|----------|
|          | A          | B     | C     |          |
| 2        | 7.50       | 1.25  | 6.45  | 1000     |
| 3        | 8.75       | 2.50  | 7.70  | 1000     |
| 4        | 10.00      | 3.75  | 8.95  | 1000     |
| 5        | 11.25      | 5.00  | 10.20 | 1000     |
| 6        | 12.50      | 6.25  | 11.45 | 1000     |
| 7        | 13.75      | 7.50  | 12.70 | 1000     |
| 8        | 15.00      | 8.75  | 13.95 | 1000     |
| 9        | 16.25      | 10.00 | 15.20 | 1000     |
| 10       | 17.50      | 11.25 | 16.45 | 1000     |
| 15       | 23.75      | 17.50 | 22.70 | 1000     |
| 20       | 30.00      | 23.75 | 28.95 | 1000     |
| 25       | 36.25      | 30.00 | 35.20 | 1000     |
| 30       | 42.50      | 36.25 | 41.45 | 1000     |

## A1255 Series 1.25mm pitch (R-SMT Boss Type) wafer



### Features:

- \* Material : Insulator: Nylon 6T UL 94V-0 (Milky Yellow)  
Contact Post: 0.30mm<sup>t</sup> Phosphor Bronze, Tin-plated  
Solder Tab: 0.25mm<sup>t</sup> Brass, Tin-plated
- \* Mates with JWT A1255H00-NP-\*\*-\*\* series socket
- \* JWT P/N : A1255WR0-NPSBS-\*\*-\*\*



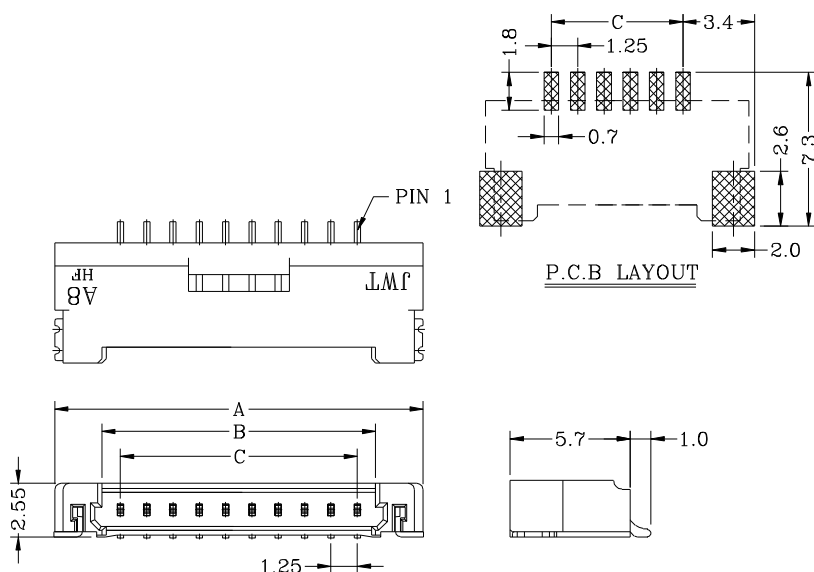
### Dimensional Information:

| Circuits | Dimensions |       |       | Pcs/Reel |
|----------|------------|-------|-------|----------|
|          | A          | B     | C     |          |
| 2        | 7.50       | 1.25  | 6.45  | 1000     |
| 3        | 8.75       | 2.50  | 7.70  | 1000     |
| 4        | 10.00      | 3.75  | 8.95  | 1000     |
| 5        | 11.25      | 5.00  | 10.20 | 1000     |
| 6        | 12.50      | 6.25  | 11.45 | 1000     |
| 7        | 13.75      | 7.50  | 12.70 | 1000     |
| 8        | 15.00      | 8.75  | 13.95 | 1000     |
| 9        | 16.25      | 10.00 | 15.20 | 1000     |
| 10       | 17.50      | 11.25 | 16.45 | 1000     |
| 15       | 23.75      | 17.50 | 22.70 | 1000     |
| 20       | 30.00      | 23.75 | 28.95 | 1000     |
| 25       | 36.25      | 30.00 | 35.20 | 1000     |
| 30       | 42.50      | 36.25 | 41.45 | 1000     |

## A1255 Series 1.25mm pitch (R-SMT Lock Type) wafer

### Features:

- \* Material : Insulator: Nylon 6T UL 94V-0 (Milky Yellow)  
Contact Post: 0.30mm<sup>t</sup> Phosphor Bronze, Matte Tin-plated  
Solder Tab: 0.25mm<sup>t</sup> Brass, Matte Tin-plated
- \* Mates with JWT A1255H00-NP-HK-\*\*-\*\* series socket
- \* JWT P/N : A1255WR0-NPS-HK-\*\*-\*\*



### Dimensional Information:

| Circuits | Dimension |       |       | Qty/Reel |
|----------|-----------|-------|-------|----------|
|          | A         | B     | C     |          |
| 2        | 7.50      | 3.00  | —     | 1000     |
| 3        | 8.75      | 4.25  | 2.50  | 1000     |
| 4        | 10.00     | 5.50  | 3.75  | 1000     |
| 5        | 11.25     | 6.75  | 5.00  | 1000     |
| 6        | 12.50     | 8.00  | 6.25  | 1000     |
| 7        | 13.75     | 9.25  | 7.50  | 1000     |
| 8        | 15.00     | 10.50 | 8.75  | 1000     |
| 9        | 16.25     | 11.75 | 10.00 | 1000     |
| 10       | 17.50     | 13.00 | 11.25 | 1000     |
| 12       | 20.00     | 15.50 | 13.75 | 1000     |
| 15       | 23.75     | 19.25 | 17.50 | 1000     |
| 20       | 30.00     | 25.50 | 23.75 | 1000     |
| 25       | 36.25     | 31.75 | 30.00 | 1000     |
| 30       | 42.50     | 38.00 | 36.25 | 1000     |