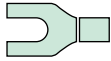
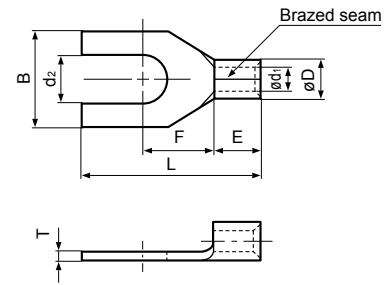
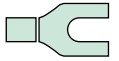


## Solderless terminals



# SPADE TONGUE (A type) Non-insulated



Certificate No.: E42024 LR20812

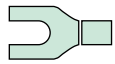
| Applicable Wire<br>AWG#(mm <sup>2</sup> ) | Stud size |        | Part No.   | Standard | Dimensions mm (in.) |             |              |             |            |            |                 |            | Tool No.                                      | Qty/box |
|-------------------------------------------|-----------|--------|------------|----------|---------------------|-------------|--------------|-------------|------------|------------|-----------------|------------|-----------------------------------------------|---------|
|                                           | American  | Metric |            |          | d <sub>2</sub>      | B           | L            | F           | E          | øD         | ød <sub>1</sub> | T          |                                               |         |
| 26 to 22<br>(0.2 to 0.5)                  | 1-2       | 2      | 0.5-2A     |          | 2.2 (.087)          | 4.6 (.181)  | 12.8 (.504)  | 4.5 (.177)  | 4.0 (.157) | 2.0 (.079) | 1.0 (.039)      | 0.5 (.020) | YHT-2622<br>YA-1<br>YA-2<br>BCT-0514L         | 1,000   |
|                                           | 3-4       | 3      | 0.5-3A     |          | 3.2 (.126)          | 5.0 (.197)  | 12.5 (.492)  | 6.0 (.236)  |            |            |                 |            |                                               |         |
|                                           | 5-6       | 3.5    | 0.5-3.7A   |          | 3.7 (.146)          | 6.4 (.252)  | 15.0 (.591)  | 7.7 (.303)  |            |            |                 |            |                                               |         |
|                                           | 8         | 4      | 0.5-4A     |          | 2.2 (.087)          | 4.6 (.181)  | 14.6 (.575)  | 4.3 (.169)  |            |            |                 |            |                                               |         |
| 22 to 16<br>(0.25 to 1.65)                | 3-4       | 3      | 1.25-C3A   |          | 3.2 (.126)          | 5.6 (.221)  | 15.8 (.622)  | 6.3 (.248)  | 4.8 (.189) | 3.4 (.134) | 1.7 (.067)      | 0.8 (.031) | YHT-2210<br>YA-1<br>YA-2<br>YA-4<br>BCT-0514L | 1,000   |
|                                           | 3-4       | 3      | 1.25-B3A   |          | 3.2 (.126)          | 5.8 (.228)  | 15.8 (.622)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 3-4       | 3      | 1.25-M3A   |          | 3.2 (.126)          | 6.35 (.250) | 16.0 (.630)  | 8.0 (.315)  |            |            |                 |            |                                               |         |
|                                           | 5-6       | 3.5    | 1.25-C3.5A |          | 3.7 (.146)          | 5.6 (.221)  | 15.8 (.622)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 5-6       | 3.5    | 1.25-B3.5A |          | 3.7 (.146)          | 5.8 (.228)  | 15.8 (.622)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 5-6       | 3.5    | 1.25-N3A   |          | 3.7 (.146)          | 6.2 (.244)  | 15.8 (.622)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 5-6       | 3.5    | 1.25-YS3A  |          | 3.7 (.146)          | 6.4 (.252)  | 15.4 (.606)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 5-6       | 3.5    | 1.25-S3A   |          | 3.7 (.146)          | 7.2 (.283)  | 15.8 (.622)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 5-6       | 3.5    | 1.25-P3A   |          | 3.7 (.146)          | 7.5 (.295)  | 13.8 (.543)  | 5.5 (.217)  |            |            |                 |            |                                               |         |
|                                           | 8         | 4      | 1.25-YS4A  |          | 4.3 (.169)          | 6.4 (.252)  | 15.4 (.606)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 8         | 4      | 1.25-S4A   |          | 4.3 (.169)          | 7.2 (.283)  | 15.8 (.622)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 8         | 4      | 1.25-4A    |          | 4.3 (.169)          | 8.5 (.335)  | 15.8 (.622)  | 7.0 (.276)  |            |            |                 |            |                                               |         |
|                                           | 10        | 5      | 1.25-S5A   |          | 5.3 (.209)          | 7.2 (.283)  | 15.8 (.622)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 10        | 5      | 1.25-M5A   |          | 5.3 (.209)          | 8.5 (.335)  | 15.8 (.622)  | 7.0 (.276)  |            |            |                 |            |                                               |         |
|                                           | 10        | 5      | 1.25-5A    |          | 5.3 (.209)          | 9.5 (.374)  | 15.8 (.622)  | 7.0 (.276)  |            |            |                 |            |                                               |         |
|                                           | 1/4       | 6      | 1.25-6A    |          | 6.4 (.252)          | 12.0 (.472) | 22.0 (.866)  | 11.0 (.433) |            |            |                 |            |                                               |         |
| 16 to 14<br>(1.04 to 2.63)                | 3-4       | 3      | 2-N3A      |          | 3.2 (.126)          | 5.9 (.232)  | 15.8 (.622)  | 6.3 (.248)  | 4.8 (.189) | 4.1 (.161) | 2.3 (.091)      | 0.8 (.031) | YHT-2210<br>YA-1<br>YA-2<br>YA-4<br>BCT-0514L | 1,000   |
|                                           | 3-4       | 3      | 2-M3A      |          | 3.2 (.126)          | 6.0 (.236)  | 14.5 (.571)  | 5.0 (.197)  |            |            |                 |            |                                               |         |
|                                           | 5-6       | 3.5    | 2-C3.5A    |          | 3.7 (.146)          | 5.6 (.220)  | 15.8 (.622)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 5-6       | 3.5    | 2-YS3A     |          | 3.7 (.146)          | 6.4 (.252)  | 15.4 (.606)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 5-6       | 3.5    | 2-S3A      |          | 3.7 (.146)          | 7.2 (.283)  | 16.0 (.630)  | 6.5 (.256)  |            |            |                 |            |                                               |         |
|                                           | 8         | 4      | 2-YS4A     |          | 4.3 (.169)          | 6.4 (.252)  | 15.4 (.606)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 8         | 4      | 2-YM4A     |          | 4.3 (.169)          | 6.8 (.268)  | 15.4 (.606)  | 6.3 (.248)  |            |            |                 |            |                                               |         |
|                                           | 8         | 4      | 2-S4A      |          | 4.3 (.169)          | 7.2 (.283)  | 16.0 (.630)  | 6.5 (.256)  |            |            |                 |            |                                               |         |
|                                           | 8         | 4      | 2-4A       |          | 4.3 (.169)          | 8.5 (.335)  | 16.8 (.661)  | 7.3 (.287)  |            |            |                 |            |                                               |         |
|                                           | 10        | 5      | 2-M5A      |          | 5.3 (.209)          | 8.5 (.335)  | 16.8 (.661)  | 7.3 (.287)  |            |            |                 |            |                                               |         |
|                                           | 10        | 5      | 2-5A       |          | 5.3 (.209)          | 9.5 (.374)  | 16.8 (.661)  | 7.3 (.287)  |            |            |                 |            |                                               |         |
|                                           | 1/4       | 6      | 2-6A       |          | 6.4 (.252)          | 12.0 (.472) | 22.0 (.866)  | 11.0 (.433) |            |            |                 |            |                                               |         |
| 12 to 10<br>(2.63 to 6.64)                | 5-6       | 3.5    | 5.5-S3A    |          | 3.7 (.146)          | 7.2 (.283)  | 19.5 (.768)  | 7.5 (.295)  | 6.8 (.268) | 5.6 (.220) | 3.4 (.134)      | 1.0 (.039) | YHT-2210<br>YA-1<br>YA-2<br>YA-4<br>BCT-0514L | 500     |
|                                           | 5-6       | 3.5    | 5.5-3A     |          | 3.7 (.146)          | 9.5 (.374)  | 19.5 (.768)  | 7.5 (.295)  |            |            |                 |            |                                               |         |
|                                           | 8         | 4      | 5.5-S4A    |          | 4.3 (.169)          | 8.5 (.335)  | 19.5 (.768)  | 7.5 (.295)  |            |            |                 |            |                                               |         |
|                                           | 8         | 4      | 5.5-4A     |          | 4.3 (.169)          | 9.5 (.374)  | 19.5 (.768)  | 7.5 (.295)  |            |            |                 |            |                                               |         |
|                                           | 10        | 5      | 5.5-5A     |          | 5.3 (.209)          | 9.5 (.374)  | 19.5 (.768)  | 7.5 (.295)  |            |            |                 |            |                                               |         |
|                                           | 1/4       | 6      | 5.5-6A     |          | 6.4 (.252)          | 13.5 (.532) | 25.5 (1.004) | 12.2 (.480) |            |            |                 |            |                                               |         |
|                                           | 5/16      | 8      | 5.5-8A     |          | 8.4 (.331)          | 13.5 (.532) | 25.5 (1.004) | 12.2 (.480) |            |            |                 |            |                                               |         |

Note: 1) The part numbers indicated in the above table are for products with a brazed seam.

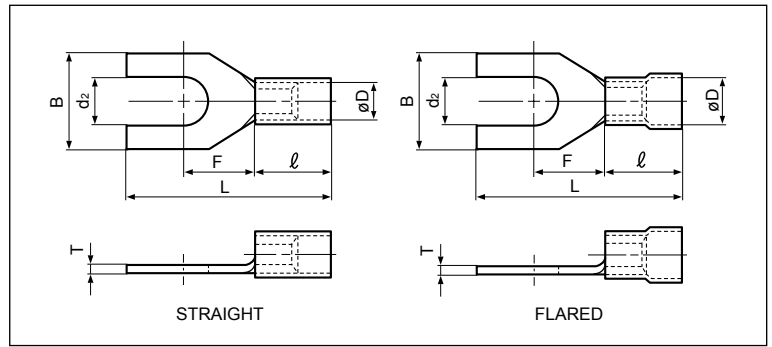
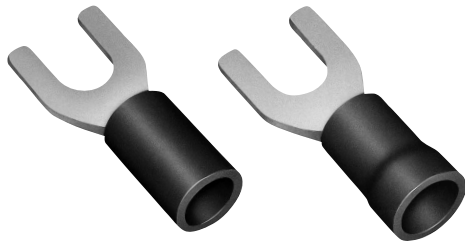
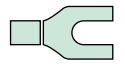
 When ordering products with a butted seam, add the prefix "WS" to the part number (ex. 2-4A → WS2-4A).

2) Delivery lead times may vary depending on the product. Contact JST for details.

## Solderless terminals



# SPADE TONGUE (A type) vinyl-insulated



Certificate No.:

| Applicable Wire<br>AWG#(mm²) | Stud size |        | Part No.    |             | Standard           | Dimensions mm (in.) |             |             |             |             |            |            |            |        |                                               | Color | Tool No. | Qty/box |
|------------------------------|-----------|--------|-------------|-------------|--------------------|---------------------|-------------|-------------|-------------|-------------|------------|------------|------------|--------|-----------------------------------------------|-------|----------|---------|
|                              | American  | Metric | Straight    | Flared      |                    | d <sub>2</sub>      | B           | L           | F           | ℓ           | ø D        |            | T          |        |                                               |       |          |         |
|                              |           |        |             |             |                    |                     |             |             |             |             | Str.       | Fld.       |            |        |                                               |       |          |         |
| 26 to 22<br>(0.2 to 0.5)     | 3-4       | 3      | V0.5-3A     | FV0.5-3A    | UL <sup>®</sup> SP | 3.2 (.126)          | 5.0 (.197)  | 16.5 (.650) | 6.0 (.236)  | 8.0 (.315)  | 1.9 (.075) | 2.9 (.114) | 0.5 (.020) | Yellow | YNT-2622<br>YA-1,YA-2<br>BCT-0514L            | 1,000 |          |         |
|                              | 5-6       | 3.5    | V0.5-3.7A   | FV0.5-3.7A  |                    | 3.7 (.146)          | 6.4 (.252)  | 19.0 (.748) | 7.7 (.303)  |             |            |            |            |        |                                               |       |          |         |
| 22 to 16<br>*(0.25 to 1.65)  | 1-2       | 2      | V1.25-2A    | FV1.25-2A   | UL <sup>®</sup> SP | 2.2 (.087)          | 4.6 (.181)  | 18.8 (.740) | 4.3 (.169)  | 9.0 (.354)  | 3.2 (.126) | 4.0 (.157) | 0.8 (.031) | Red    | YNT-2216<br>YA-1<br>YA-2<br>YA-4<br>BCT-0514L | 1,000 |          |         |
|                              | 3-4       | 3      | V1.25-B3A   | FV1.25-B3A  |                    | 3.2 (.126)          | 5.8 (.228)  | 20.0 (.787) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | V1.25-C3.5A | —           |                    | 3.7 (.146)          | 5.6 (.220)  | 20.0 (.787) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | V1.25-N3A   | FV1.25-N3A  |                    | 3.7 (.146)          | 6.2 (.244)  | 20.0 (.787) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | V1.25-YS3A  | FV1.25-YS3A |                    | 3.7 (.146)          | 6.4 (.252)  | 19.6 (.772) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | V1.25-S3A   | FV1.25-S3A  |                    | 3.7 (.146)          | 7.2 (.284)  | 20.0 (.787) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | V1.25-YS4A  | FV1.25-YS4A |                    | 4.3 (.169)          | 6.4 (.252)  | 19.6 (.772) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | V1.25-S4A   | FV1.25-S4A  |                    | 4.3 (.169)          | 7.2 (.284)  | 20.0 (.787) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | V1.25-4A    | FV1.25-4A   |                    | 4.3 (.169)          | 8.5 (.335)  | 20.0 (.787) | 7.0 (.276)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | V1.25-S5A   | FV1.25-S5A  |                    | 5.3 (.209)          | 7.2 (.284)  | 20.0 (.787) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | —           | FV1.25-M5A  |                    | 5.3 (.209)          | 8.5 (.335)  | 20.0 (.787) | 7.0 (.276)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | V1.25-5A    | FV1.25-5A   |                    | 5.3 (.209)          | 9.5 (.374)  | 20.0 (.787) | 7.0 (.276)  |             |            |            |            |        |                                               |       |          |         |
|                              | 1/4       | 6      | V1.25-6A    | FV1.25-6A   |                    | 6.4 (.252)          | 12.0 (.472) | 26.2(1.032) | 11.0 (.433) |             |            |            |            |        |                                               |       |          |         |
| 16 to 14<br>(1.04 to 2.63)   | 3-4       | 3      | V2-N3A      | FV2-N3A     | UL <sup>®</sup> SP | 3.2 (.126)          | 5.9 (.232)  | 20.0 (.787) | 6.3 (.248)  | 9.0 (.354)  | 3.9 (.154) | 4.5 (.177) | 0.8 (.031) | Blue   | YNT-1614<br>YA-1<br>YA-2<br>YA-4<br>BCT-0514L | 1,000 |          |         |
|                              | 5-6       | 3.5    | V2-YS3A     | FV2-YS3A    |                    | 3.7 (.146)          | 6.4 (.252)  | 19.6 (.772) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | V2-S3A      | FV2-S3A     |                    | 3.7 (.146)          | 7.2 (.284)  | 20.2 (.795) | 6.5 (.256)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | V2-3A       | —           |                    | 3.7 (.146)          | 8.5 (.335)  | 21.0 (.827) | 7.3 (.287)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | V2-YS4A     | FV2-YS4A    |                    | 4.3 (.169)          | 6.4 (.252)  | 19.6 (.772) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | —           | FV2-YM4A    |                    | 4.3 (.169)          | 6.8 (.268)  | 19.6 (.772) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | V2-S4A      | FV2-S4A     |                    | 4.3 (.169)          | 7.2 (.284)  | 20.2 (.795) | 6.5 (.256)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | V2-4A       | FV2-4A      |                    | 4.3 (.169)          | 8.5 (.335)  | 21.0 (.827) | 7.3 (.287)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | V2-M5A      | FV2-M5A     |                    | 5.3 (.209)          | 8.5 (.335)  | 21.0 (.827) | 7.3 (.287)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | V2-5A       | FV2-5A      |                    | 5.3 (.209)          | 9.5 (.374)  | 21.0 (.827) | 7.3 (.287)  |             |            |            |            |        |                                               |       |          |         |
|                              | 1/4       | 6      | V2-6A       | FV2-6A      |                    | 6.4 (.252)          | 12.0 (.472) | 26.2(1.032) | 11.0 (.433) |             |            |            |            |        |                                               |       |          |         |
| 12 to 10<br>(2.63 to 6.64)   | 5-6       | 3.5    | V5.5-S3A    | FV5.5-S3A   | UL <sup>®</sup> SP | 3.7 (.146)          | 7.2 (.283)  | 26.2(1.032) | 7.5 (.295)  | 13.5 (.531) | 5.4 (.213) | 6.8 (.268) | 1.0 (.039) | Yellow | YNT-1210S<br>YA-4<br>BCT-0514L                | 500   |          |         |
|                              | 5-6       | 3.5    | V5.5-3A     | FV5.5-3A    |                    | 3.7 (.146)          | 9.5 (.374)  | 26.2(1.032) | 7.5 (.295)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | V5.5-S4A    | FV5.5-S4A   |                    | 4.3 (.169)          | 8.5 (.335)  | 26.2(1.032) | 7.5 (.295)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | V5.5-4A     | FV5.5-4A    |                    | 4.3 (.169)          | 9.5 (.374)  | 26.2(1.032) | 7.5 (.295)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | V5.5-5A     | FV5.5-5A    |                    | 5.3 (.209)          | 9.5 (.374)  | 26.2(1.032) | 7.5 (.295)  |             |            |            |            |        |                                               |       |          |         |
|                              | 1/4       | 6      | V5.5-6A     | FV5.5-6A    |                    | 6.4 (.252)          | 13.5 (.532) | 32.2(1.268) | 12.2 (.480) |             |            |            |            |        |                                               |       |          |         |

Note:1) \*The crimping will be more secure if the total cross-sectional area of the wire is at least 0.5 mm<sup>2</sup>.

Examples: If the cross-sectional area of the wire is 0.3 mm<sup>2</sup>, fold the wire in two when crimping the terminal.

If the cross-sectional area of the wire is 0.5 mm<sup>2</sup>, crimp the terminal onto the wire as it is.

2) The part numbers indicated in the above table are for products with a brazed seam.

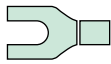
When ordering products with a butted seam, add the prefix "WS" to the part number (ex. V2-4A → **VWS2-4A**).

3) To order products with nylon insulation, change the "V" in the part number prefix to "N" (ex. V2-4A → **N2-4A**).

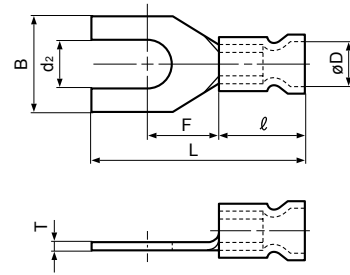
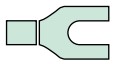
Because nylon absorbs moisture, care must be taken concerning storage.

4) Delivery lead times may vary depending on the product. Contact JST for details.

## Solderless terminals



# SPADE TONGUE (A type) vinyl-insulated (funnel-entry)



Certificate No.: E42024 LR20812

| Applicable Wire<br>AWG#(mm <sup>2</sup> ) | Stud size |        | Part No.     | Standard | Dimensions mm (in.) |             |             |             |             |            |            | Color  | Tool No.                                                  | Qty/box |
|-------------------------------------------|-----------|--------|--------------|----------|---------------------|-------------|-------------|-------------|-------------|------------|------------|--------|-----------------------------------------------------------|---------|
|                                           | American  | Metric |              |          | d <sub>2</sub>      | B           | L           | F           | ℓ           | ø D        | T          |        |                                                           |         |
| 22 to 16<br>*(0.25 to 1.65)               | 3-4       | 3      | FVX1.25-B3A  |          | 3.2 (.126)          | 5.8 (.228)  | 21.8 (.858) | 6.3 (.248)  | 10.8 (.425) | 4.0 (.157) | 0.8 (.031) | Red    | YNT-2216<br>YA-1<br>YA-2<br>YA-4<br>BCT-0514L             | 1,000   |
|                                           | 5-6       | 3.5    | FVX1.25-N3A  |          | 3.7 (.146)          | 6.2 (.244)  | 21.8 (.858) | 6.3 (.248)  |             |            |            |        |                                                           |         |
|                                           | 5-6       | 3.5    | FVX1.25-YS3A |          | 3.7 (.146)          | 6.4 (.252)  | 21.4 (.843) | 6.3 (.248)  |             |            |            |        |                                                           |         |
|                                           | 8         | 4      | FVX1.25-YS4A |          | 4.3 (.169)          | 6.4 (.252)  | 21.4 (.843) | 6.3 (.248)  |             |            |            |        |                                                           |         |
|                                           | 10        | 5      | FVX1.25-5A   |          | 5.3 (.209)          | 9.5 (.374)  | 21.8 (.858) | 7.0 (.276)  |             |            |            |        |                                                           |         |
| 16 to 14<br>(1.04 to 2.63)                | 3-4       | 3      | FVX2-N3A     |          | 3.2 (.126)          | 5.9 (.232)  | 21.8 (.858) | 6.3 (.248)  | 10.8 (.425) | 4.6 (.181) | 0.8 (.031) | Blue   | BCT-0514<br>YNT-1614<br>YA-1<br>YA-2<br>YA-4<br>BCT-0514L | 1,000   |
|                                           | 5-6       | 3.5    | FVX2-YS3A    |          | 3.7 (.146)          | 6.4 (.252)  | 21.4 (.843) | 6.3 (.248)  |             |            |            |        |                                                           |         |
|                                           | 5-6       | 3.5    | FVX2-S3A     |          | 3.7 (.146)          | 7.2 (.284)  | 23.0 (.906) | 6.5 (.256)  |             |            |            |        |                                                           |         |
|                                           | 8         | 4      | FVX2-YS4A    |          | 4.3 (.169)          | 6.4 (.252)  | 21.4 (.843) | 6.3 (.248)  |             |            |            |        |                                                           |         |
|                                           | 8         | 4      | FVX2-YM4A    |          | 4.3 (.169)          | 6.8 (.268)  | 21.4 (.843) | 6.3 (.248)  |             |            |            |        |                                                           |         |
|                                           | 8         | 4      | FVX2-4A      |          | 4.3 (.169)          | 8.5 (.335)  | 22.8 (.898) | 7.3 (.287)  |             |            |            |        |                                                           |         |
| 12 to 10<br>(2.63 to 6.64)                | 8         | 4      | FVX5.5-S4A   |          | 4.3 (.169)          | 8.5 (.335)  | 26.7(1.051) | 7.5 (.295)  | 14.0 (.551) | 6.8 (.268) | 1.0 (.039) | Yellow | YNT-1210S<br>YA-4<br>BCT-0514L                            | 500     |
|                                           | 8         | 4      | FVX5.5-4A    |          | 4.3 (.169)          | 9.5 (.374)  | 26.7(1.051) | 7.5 (.295)  |             |            |            |        |                                                           |         |
|                                           | 10        | 5      | FVX5.5-5A    |          | 5.3 (.209)          | 9.5 (.374)  | 26.7(1.051) | 7.5 (.295)  |             |            |            |        |                                                           |         |
|                                           | 5/16      | 8      | FVX5.5-8A    |          | 8.4 (.331)          | 13.5 (.532) | 32.7(1.287) | 12.2 (.480) |             |            |            |        |                                                           |         |
|                                           |           |        |              |          |                     |             |             |             |             |            |            |        |                                                           | 250     |

Note:1) The part numbers indicated in the above table are for products with a brazed seam.

When ordering products with a butted seam, add the prefix "WS" to the part number (ex. FVX2-4A → **FVXWS2-4A**).

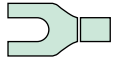
2) \*The crimping will be more secure if the total cross-sectional area of the wire is at least 0.5 mm<sup>2</sup>.

Examples: If the cross-sectional area of the wire is 0.3 mm<sup>2</sup>, fold the wire in two when crimping the terminal.

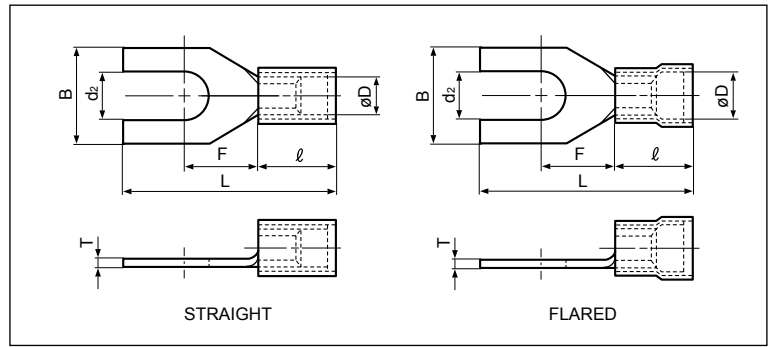
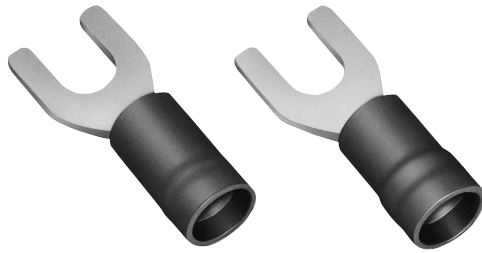
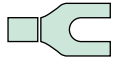
If the cross-sectional area of the wire is 0.5 mm<sup>2</sup>, crimp the terminal onto the wire as it is.

3) Delivery lead times may vary depending on the product. Contact JST for details.

# Solderless terminals



## SPADE TONGUE (A type) vinyl-insulated with copper sleeve



Certificate No.: E42024 LR20812

| Applicable Wire<br>AWG#(mm²) | Stud size |        | Part No.    |              | Standard | Dimensions mm (in.) |             |             |             |             |            |            |            |        |                                               | Color | Tool No. | Qty/box |
|------------------------------|-----------|--------|-------------|--------------|----------|---------------------|-------------|-------------|-------------|-------------|------------|------------|------------|--------|-----------------------------------------------|-------|----------|---------|
|                              | American  | Metric | Straight    | Flared       |          | d <sub>2</sub>      | B           | L           | F           | ℓ           | ø D        |            | T          |        |                                               |       |          |         |
|                              |           |        |             |              |          |                     |             |             |             |             | Str.       | Fld.       |            |        |                                               |       |          |         |
| 26 to 22<br>(0.2 to 0.5)     | 3-4       | 3      | VD0.5-3A    | —            | UL<br>SP | 3.2 (.126)          | 5.0 (.197)  | 16.5 (.650) | 6.0 (.236)  | 8.0 (.315)  | 2.2 (.087) | 2.5 (.098) | 0.5 (.020) | Yellow | YNT-2622<br>YA-1,YA-2<br>BCT-0514L            | 1,000 |          |         |
|                              | 5-6       | 3.5    | VD0.5-3.7A  | —            |          | 3.7 (.146)          | 6.4 (.252)  | 19.0 (.748) | 7.7 (.303)  | 8.3 (.327)  |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | —           | FVD0.5-3.7A  |          | 3.7 (.146)          | 6.4 (.252)  | 19.3 (.760) | 7.7 (.303)  | 8.3 (.327)  |            |            |            |        |                                               |       |          |         |
| 22 to 16<br>(0.25 to 1.65)   | 1-2       | 2      | VD1.25-2A   | —            | UL<br>SP | 2.2 (.087)          | 4.6 (.181)  | 19.4 (.764) | 4.3 (.169)  | 9.6 (.378)  | 3.5 (.138) | 4.0 (.157) | 0.8 (.031) | Red    | YNT-2216<br>YA-1<br>YA-2<br>YA-4<br>BCT-0514L | 1,000 |          |         |
|                              | 3-4       | 3      | VD1.25-B3A  | FVD1.25-B3A  |          | 3.2 (.126)          | 5.8 (.228)  | 20.6 (.811) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | VD1.25-N3A  | FVD1.25-N3A  |          | 3.7 (.146)          | 6.2 (.244)  | 20.6 (.811) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | VD1.25-YS3A | FVD1.25-YS3A |          | 3.7 (.146)          | 6.4 (.252)  | 20.2 (.795) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | VD1.25-S3A  | FVD1.25-S3A  |          | 3.7 (.146)          | 7.2 (.284)  | 20.6 (.811) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | VD1.25-YS4A | FVD1.25-YS4A |          | 4.3 (.169)          | 6.4 (.252)  | 20.2 (.795) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | VD1.25-S4A  | FVD1.25-S4A  |          | 4.3 (.169)          | 7.2 (.284)  | 20.6 (.811) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | VD1.25-4A   | —            |          | 4.3 (.169)          | 8.5 (.335)  | 20.6 (.811) | 7.0 (.276)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | VD1.25-S5A  | —            |          | 5.3 (.209)          | 7.2 (.284)  | 20.6 (.811) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | VD1.25-M5A  | —            |          | 5.3 (.209)          | 8.5 (.335)  | 20.6 (.811) | 7.0 (.276)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | VD1.25-5A   | FVD1.25-5A   |          | 5.3 (.209)          | 9.5 (.374)  | 20.6 (.811) | 7.0 (.276)  |             |            |            |            |        |                                               |       |          |         |
|                              | 1/4       | 6      | VD1.25-6A   | —            |          | 6.4 (.252)          | 12.0 (.472) | 26.8(1.055) | 11.0 (.433) |             |            |            |            |        |                                               |       |          |         |
| 16 to 14<br>(1.04 to 2.63)   | 3-4       | 3      | VD2-N3A     | FVD2-N3A     | UL<br>SP | 3.2 (.126)          | 5.9 (.232)  | 20.6 (.811) | 6.3 (.248)  | 9.6 (.378)  | 4.1 (.161) | 4.7 (.185) | 0.8 (.031) | Blue   | YNT-1614<br>YA-1<br>YA-2<br>YA-4<br>BCT-0514L | 1,000 |          |         |
|                              | 3-4       | 3      | VD2-M3A     | —            |          | 3.2 (.126)          | 6.0 (.236)  | 19.3 (.760) | 5.0 (.197)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | VD2-YS3A    | —            |          | 3.7 (.146)          | 6.4 (.252)  | 20.2 (.795) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | VD2-S3A     | FVD2-S3A     |          | 3.7 (.146)          | 7.2 (.284)  | 20.8 (.819) | 6.5 (.256)  |             |            |            |            |        |                                               |       |          |         |
|                              | 5-6       | 3.5    | VD2-3A      | —            |          | 3.7 (.146)          | 8.5 (.335)  | 21.6 (.850) | 7.3 (.287)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | VD2-YS4A    | FVD2-YS4A    |          | 4.3 (.169)          | 6.4 (.252)  | 20.2 (.795) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | VD2-YM4A    | FVD2-YM4A    |          | 4.3 (.169)          | 6.8 (.268)  | 20.2 (.795) | 6.3 (.248)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | VD2-S4A     | FVD2-S4A     |          | 4.3 (.169)          | 7.2 (.284)  | 20.8 (.819) | 6.5 (.256)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | VD2-4A      | FVD2-4A      |          | 4.3 (.169)          | 8.5 (.335)  | 21.6 (.850) | 7.3 (.287)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | VD2-M5A     | —            |          | 5.3 (.209)          | 8.5 (.335)  | 21.6 (.850) | 7.3 (.287)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | VD2-5A      | FVD2-5A      |          | 5.3 (.209)          | 9.5 (.374)  | 21.6 (.850) | 7.3 (.287)  |             |            |            |            |        |                                               |       |          |         |
|                              | 1/4       | 6      | —           | FVD2-6A      |          | 6.4 (.252)          | 12.0 (.472) | 26.8(1.055) | 11.0 (.433) |             |            |            |            |        |                                               |       |          |         |
| 12 to 10<br>(2.63 to 6.64)   | 5-6       | 3.5    | VD5.5-S3A   | FVD5.5-S3A   | UL<br>SP | 3.7 (.146)          | 7.2 (.283)  | 26.7(1.051) | 7.5 (.295)  | 14.0 (.551) | 5.7 (.224) | 6.5 (.256) | 1.0 (.039) | Yellow | YNT-1210S<br>YA-4<br>BCT-0514L                | 500   |          |         |
|                              | 5-6       | 3.5    | VD5.5-3A    | FVD5.5-3A    |          | 3.7 (.146)          | 9.5 (.374)  | 26.7(1.051) | 7.5 (.295)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | VD5.5-S4A   | FVD5.5-S4A   |          | 4.3 (.169)          | 8.5 (.335)  | 26.7(1.051) | 7.5 (.295)  |             |            |            |            |        |                                               |       |          |         |
|                              | 8         | 4      | VD5.5-4A    | FVD5.5-4A    |          | 4.3 (.169)          | 9.5 (.374)  | 26.7(1.051) | 7.5 (.295)  |             |            |            |            |        |                                               |       |          |         |
|                              | 10        | 5      | VD5.5-5A    | FVD5.5-5A    |          | 5.3 (.209)          | 9.5 (.374)  | 26.7(1.051) | 7.5 (.295)  |             |            |            |            |        |                                               |       |          |         |
|                              | 1/4       | 6      | VD5.5-6A    | FVD5.5-6A    |          | 6.4 (.252)          | 13.5 (.532) | 32.7(1.287) | 12.2 (.480) |             |            |            |            |        |                                               |       |          |         |
|                              | 5/16      | 8      | VD5.5-8A    | —            |          | 8.4 (.331)          | 13.5 (.532) | 32.7(1.287) | 12.2 (.480) |             |            |            |            |        |                                               |       |          |         |

- Note: 1) The part numbers indicated in the above table are for products with a brazed seam.  
When ordering products with a butted seam, add the prefix "WS" to the part number (ex. VD2-4A → **VDWS2-4A**).  
2) To order products with nylon insulation, change the "V" in the part number prefix to "N" (ex. VD2-4A → **ND2-4A**).  
Because nylon absorbs moisture, care must be taken concerning storage.  
3) Delivery lead times may vary depending on the product. Contact JST for details.