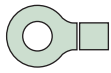
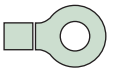


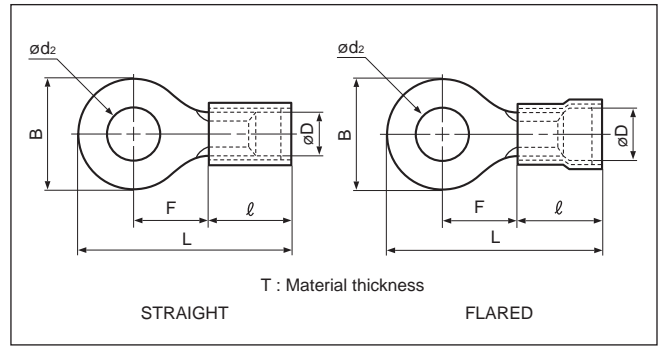
Solderless terminals



RING TONGUE (R type) Vinyl-insulated with copper sleeve



The terminal barrel is first covered with a copper sleeve and then insulated with vinyl; it is extremely resistant to vibration.



Certificate No.: E42024 LR20812

| Applicable Wire AWG#(mm ²) | Stud size | | Part No. | | Standard | Dimensions mm (in.) | | | | | | | | | | Color | Tool No. | Qty/box |
|---|----------------------------|--------|------------|-------------|-------------|---------------------|-------------|-------------|-------------|----------------|---------------|---------------|---------------|--------|---|-------|-------------|------------|
| | American | Metric | Straight | Flared | | ø d ₂ | B | L | F | ℓ | ø D | | T | | | | | |
| 26 to 22 (0.2 to 0.5) | 1-2 | 2 | VD0.5-2 | - | | 2.2 (.087) | 5.2 (.205) | 16.4 (.646) | 5.8 (.228) | 8.0 (.315) | 2.2 (.087) | 2.5 (.098) | 0.5 (.020) | Yellow | YNT-2622 YA-1 YA-2 BCT-0514L | 1,000 | | |
| | 3-4 | 3 | VD0.5-3 | - | | 3.2 (.126) | 5.2 (.205) | 16.4 (.646) | 5.8 (.228) | | | | | | | | | |
| | 5-6 | 3.5 | VD0.5-3-7 | - | | 3.7 (.146) | 6.6 (.260) | 19.0 (.748) | 7.7 (.303) | | | | | | | | | |
| | 8 | 4 | VD0.5-4 | - | | 4.3 (.169) | 6.6 (.260) | 19.0 (.748) | 7.7 (.303) | | | | | | | | | |
| | 10 | 5 | VD0.5-5 | - | | 5.3 (.209) | 8.0 (.315) | 19.0 (.748) | 7.0 (.276) | 8.3 (.327) | | | | | | | | |
| | 1-2 | 2 | - | FVD0.5-2 | | 2.2 (.087) | 5.2 (.205) | 16.7 (.657) | 5.8 (.228) | | | | | | | | | |
| | 3-4 | 3 | - | FVD0.5-3 | | 3.2 (.126) | 5.2 (.205) | 16.7 (.657) | 5.8 (.228) | | | | | | | | | |
| | 8 | 4 | - | FVD0.5-4 | | 4.3 (.169) | 6.6 (.260) | 19.3 (.760) | 7.7 (.303) | | | | | | | | | |
| 10 | 5 | - | FVD0.5-5 | 5.3 (.209) | 8.0 (.315) | 19.3 (.760) | 7.0 (.276) | | | | | | | | | | | |
| 22 to 16 (0.25 to 1.65) | 1-2 | 2 | VD1.25-2 | FVD1.25-2 | | 2.2 (.087) | 5.5 (.217) | 16.3 (.642) | 4.0 (.157) | 9.6 (.378) | 3.5 (.138) | 4.0 (.157) | 0.8 (.031) | Red | YNT-2216 YA-1 YA-2 YA-4 BCT-0514L | 1,000 | | |
| | 3-4 | 3 | VD1.25-3 | FVD1.25-3 | | 3.2 (.126) | 5.5 (.217) | 16.3 (.642) | 4.0 (.157) | | | | | | | | | |
| | 3-4 | 3 | VD1.25-MS3 | FVD1.25-MS3 | | 3.2 (.126) | 5.5 (.217) | 18.0 (.709) | 5.6 (.220) | | | | | | | | | |
| | 3-4 | 3 | VD1.25-L3 | FVD1.25-L3 | | 3.2 (.126) | 8.0 (.315) | 20.6 (.811) | 7.0 (.276) | | | | | | | | | |
| | 5-6 | 3.5 | VD1.25-3-7 | FVD1.25-3-7 | | 3.7 (.146) | 5.5 (.217) | 16.3 (.642) | 4.0 (.157) | | | | | | | | | |
| | 5-6 | 3.5 | VD1.25-M3 | FVD1.25-M3 | | 3.7 (.146) | 6.6 (.260) | 19.2 (.756) | 6.3 (.248) | | | | | | | | | |
| | 8 | 4 | VD1.25-M4 | FVD1.25-M4 | | 4.3 (.169) | 6.6 (.260) | 19.2 (.756) | 6.3 (.248) | | | | | | | | | |
| | 8 | 4 | VD1.25-4 | FVD1.25-4 | | 4.3 (.169) | 8.0 (.315) | 20.6 (.811) | 7.0 (.276) | | | | | | | | | |
| | 10 | 5 | VD1.25-5 | FVD1.25-5 | | 5.3 (.209) | 8.0 (.315) | 20.6 (.811) | 7.0 (.276) | | | | | | | | | |
| | 1/4 | 6 | VD1.25-6 | FVD1.25-6 | | 6.4 (.252) | 11.6 (.457) | 26.5(1.043) | 11.1 (.437) | | | | | | | | | |
| | 5/16 | 8 | VD1.25-8 | FVD1.25-8 | | 8.4 (.331) | 11.6 (.457) | 26.5(1.043) | 11.1 (.437) | | | | | | | | | |
| | 3/8 | 10 | VD1.25-10 | FVD1.25-10 | | 10.5 (.413) | 13.6 (.535) | 30.3(1.193) | 13.9 (.547) | | | | | | | | | |
| | 16 to 14 (1.04 to 2.63) | 1-2 | 2 | VD2-S2 | | FVD2-S2 | | 2.2 (.087) | 6.4 (.252) | | | | | | | | 17.1 (.673) | 4.3 (.169) |
| 3-4 | | 3 | VD2-MS3 | FVD2-MS3 | 3.2 (.126) | 5.5 (.217) | | 18.0 (.709) | 5.6 (.220) | | | | | | | | | |
| 3-4 | | 3 | VD2-S3.3 | FVD2-S3.3 | 3.2 (.126) | 6.4 (.252) | | 17.1 (.673) | 4.3 (.169) | | | | | | | | | |
| 3-4 | | 3 | VD2-3 | FVD2-3 | 3.2 (.126) | 8.5 (.335) | | 21.6 (.850) | 7.8 (.307) | | | | | | | | | |
| 5-6 | | 3.5 | VD2-S3 | FVD2-S3 | 3.7 (.146) | 6.4 (.252) | | 17.1 (.673) | 4.3 (.169) | | | | | | | | | |
| 5-6 | | 3.5 | VD2-M3 | FVD2-M3 | 3.7 (.146) | 6.6 (.260) | | 19.2 (.756) | 6.3 (.248) | | | | | | | | | |
| 5-6 | | 3.5 | VD2-P3.5 | FVD2-P3.5 | 3.7 (.146) | 7.0 (.276) | | 20.8 (.819) | 7.7 (.303) | | | | | | | | | |
| 8 | | 4 | VD2-M4 | FVD2-M4 | 4.3 (.169) | 6.6 (.260) | | 19.2 (.756) | 6.3 (.248) | | | | | | | | | |
| 8 | | 4 | VD2-P4 | FVD2-P4 | 4.3 (.169) | 7.0 (.276) | | 20.8 (.819) | 7.7 (.303) | | | | | | | | | |
| 8 | | 4 | VD2-4 | FVD2-4 | 4.3 (.169) | 8.5 (.335) | | 21.6 (.850) | 7.8 (.307) | | | | | | | | | |
| 10 | | 5 | VD2-M5 | FVD2-M5 | 5.3 (.209) | 8.5 (.335) | | 21.6 (.850) | 7.8 (.307) | | | | | | | | | |
| 10 | | 5 | VD2-5 | FVD2-5 | 5.3 (.209) | 9.5 (.374) | | 21.6 (.850) | 7.3 (.287) | | | | | | | | | |
| 1/4 | | 6 | VD2-6 | FVD2-6 | 6.4 (.252) | 12.0 (.472) | | 26.6(1.047) | 11.0 (.433) | | | | | | | | | |
| 5/16 | | 8 | VD2-8 | FVD2-8 | 8.4 (.331) | 12.0 (.472) | | 26.6(1.047) | 11.0 (.433) | | | | | | | | | |
| 3/8 | | 10 | VD2-10 | FVD2-10 | 10.5 (.413) | 13.6 (.535) | | 30.3(1.193) | 13.9 (.547) | | | | | | | | | |
| 1/2 | | 12 | VD2-12 | FVD2-12 | 13.0 (.512) | 19.0 (.748) | | 35.8(1.409) | 16.7 (.657) | | | | | | | | | |
| 1/2 | | 14 | VD2-14 | FVD2-14 | 15.0 (.591) | 27.0(1.063) | | 44.3(1.744) | 21.2 (.835) | | | | | | | | | |
| 5/8 | 16 | VD2-16 | - | 17.0 (.669) | 27.0(1.063) | 44.3(1.744) | 21.2 (.835) | | | | | | | | | | | |
| 3/4 | 20 | VD2-20 | FVD2-20 | 21.0 (.827) | 27.0(1.063) | 44.3(1.744) | 21.2 (.835) | | | | | | | | | | | |
| 12 to 10 (2.63 to 6.64) | 3-4 | 3 | VD5.5-3 | FVD5.5-3 | | 3.2 (.126) | 9.5 (.374) | 27.0(1.063) | 8.3 (.327) | 14.0 (.551) | 5.7 (.224) | 6.5 (.256) | 1.0 (.039) | Yellow | YNT-1210S YA-4 BCT-0514L | 500 | | |
| | 5-6 | 3.5 | VD5.5-S3 | FVD5.5-S3 | | 3.7 (.146) | 7.2 (.283) | 23.5 (.925) | 5.9 (.232) | | | | | | | | | |
| | 8 | 4 | VD5.5-S4 | FVD5.5-S4 | | 4.3 (.169) | 7.2 (.283) | 23.5 (.925) | 5.9 (.232) | | | | | | | | | |
| | 8 | 4 | VD5.5-4 | FVD5.5-4 | | 4.3 (.169) | 9.5 (.374) | 27.0(1.063) | 8.3 (.327) | | | | | | | | | |
| | 10 | 5 | VD5.5-5 | FVD5.5-5 | | 5.3 (.209) | 9.5 (.374) | 27.0(1.063) | 8.3 (.327) | | | | | | | | | |
| | 10 | 5 | VD5.5-S5 | FVD5.5-S5 | | 5.3 (.209) | 13.2 (.520) | 29.6(1.165) | 9.0 (.354) | | | | | | | | | |
| | 1/4 | 6 | VD5.5-6 | FVD5.5-6 | | 6.4 (.252) | 12.0 (.472) | 33.0(1.299) | 13.0 (.512) | | | | | | | | | |
| | 1/4 | 6 | VD5.5-S6 | FVD5.5-S6 | | 6.4 (.252) | 13.2 (.520) | 29.6(1.165) | 9.0 (.354) | | | | | | | | | |
| | 5/16 | 8 | VD5.5-S8 | FVD5.5-S8 | | 8.4 (.331) | 13.2 (.520) | 29.6(1.165) | 9.0 (.354) | | | | | | | | | |
| | 5/16 | 8 | VD5.5-8 | FVD5.5-8 | | 8.4 (.331) | 15.0 (.591) | 35.2(1.386) | 13.7 (.539) | | | | | | | | | |
| | 3/8 | 10 | VD5.5-10 | FVD5.5-10 | | 10.5 (.413) | 15.0 (.591) | 35.2(1.386) | 13.7 (.539) | | | | | | | | | |
| | 1/2 | 12 | VD5.5-12 | FVD5.5-12 | | 13.0 (.512) | 19.2 (.756) | 39.6(1.559) | 16.0 (.630) | | | | | | | | | |
| | 1/2 | 14 | VD5.5-14 | FVD5.5-14 | | 15.0 (.591) | 32.0(1.260) | 55.3(2.177) | 25.3 (.996) | | | | | | | | | |
| | 5/8 | 16 | VD5.5-16 | FVD5.5-16 | | 17.0 (.669) | 32.0(1.260) | 55.3(2.177) | 25.3 (.996) | | | | | | | | | |
| | 11/16 | 18 | VD5.5-18 | FVD5.5-18 | | 19.0 (.748) | 32.0(1.260) | 55.3(2.177) | 25.3 (.996) | | | | | | | | | |
| | 3/4 | 20 | VD5.5-20 | FVD5.5-20 | | 21.0 (.827) | 32.0(1.260) | 55.3(2.177) | 25.3 (.996) | | | | | | | | | |

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. VD2-4 → **VDWS2-4**).

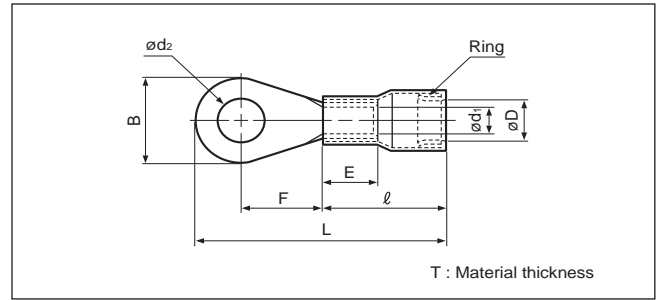
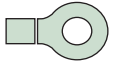
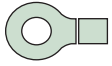
2) To order products with nylon insulation, change the "V" in the part number prefix to "N" (ex. FVD2-4 → **FND2-4**).

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

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

Solderless terminals

RING TONGUE (R type) Vinyl-insulated with copper sleeve (Medium size)



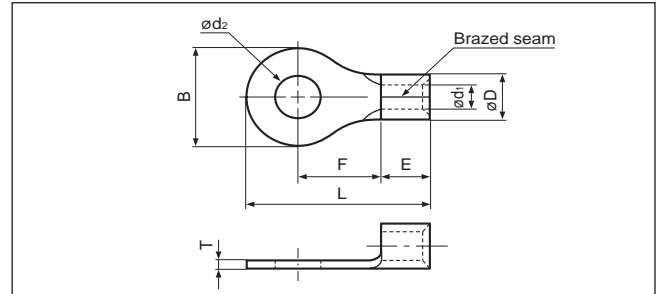
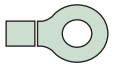
Certificate No.: E42024 LR20812

| Applicable Wire AWG#(mm ²) | Stud size | | Part No. | Standard | Dimensions mm (in.) | | | | | | | | | | Color | Tool No. | Qty/box |
|---|-----------|--------|----------|----------|---------------------|-------------|-------------|-------------|----------------|----------------|---------------|--------------------|---------------|--------|---------------------|----------|---------|
| | American | Metric | | | ϕd_2 | B | L | F | E | ℓ | d_1 | ϕD (min.) | T | | | | |
| 8 (6.64 to 10.52) | 10 | 5 | FVD8-5 | | 5.3 (.209) | 10.3 (.406) | 36.3(1.429) | 10.6 (.417) | 8.3 (.327) | 19.2 (.756) | 4.6 (.181) | 7.5 (.295) | 1.1 (.043) | Red | YF-1 E-4 EP-1 | YNE-38 | 200 |
| | 1/4 | 6 | FVD8-6 | | 6.4 (.252) | 11.6 (.457) | 36.3(1.429) | 11.3 (.445) | | | | | | | | | |
| | 5/16 | 8 | FVD8-8 | | 8.4 (.331) | 14.4 (.567) | 38.8(1.528) | 12.4 (.488) | | | | | | | | | |
| | 3/8 | 10 | FVD8-10 | | 10.5 (.413) | 14.4 (.567) | 38.8(1.528) | 12.4 (.488) | | | | | | | | | |
| 6 (10.52 to 16.78) | 10 | 5 | FVD14-5 | | 5.3 (.209) | 12.2 (.480) | 39.2(1.543) | 13.1 (.516) | 10.9 (.429) | 20.0 (.787) | 5.7 (.224) | 10.5 (.413) | 1.1 (.043) | Blue | YF-1 E-4 EP-1 | YNE-38 | 100 |
| | 1/4 | 6 | FVD14-6 | | 6.4 (.252) | 12.2 (.480) | 39.2(1.543) | 13.1 (.516) | | | | | | | | | |
| | 5/16 | 8 | FVD14-8 | | 8.4 (.331) | 15.3 (.602) | 42.4(1.669) | 14.7 (.579) | | | | | | | | | |
| | 3/8 | 10 | FVD14-10 | | 10.5 (.413) | 15.3 (.602) | 42.4(1.669) | 14.7 (.579) | | | | | | | | | |
| 4 (16.78 to 26.66) | 1/4 | 6 | FVD22-6 | | 6.4 (.252) | 13.8 (.543) | 44.0(1.732) | 14.1 (.555) | 12.0 (.472) | 23.0 (.906) | 7.2 (.284) | 11.5 (.453) | 1.3 (.051) | Yellow | YF-1 E-4 EP-1 | YNE-38 | 100 |
| | 5/16 | 8 | FVD22-8 | | 8.4 (.331) | 15.9 (.626) | 46.1(1.815) | 15.1 (.594) | | | | | | | | | |
| | 3/8 | 10 | FVD22-10 | | 10.5 (.413) | 15.9 (.626) | 46.1(1.815) | 15.1 (.594) | | | | | | | | | |

Note:1) Delivery lead times may vary depending on the product. Contact JST for details.

Solderless terminals

RING TONGUE (R type) Non-insulated (Heavy duty)



| Applicable Wire AWG#(mm ²) | Stud size | | Part No. | Standard | Dimensions mm (in.) | | | | | | | | | | Tool No. | Qty/box |
|---|----------------------------|--------|----------|----------|---------------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|---|-------|----------|---------|
| | American | Metric | | | ϕd_2 | B | L | F | E | ϕD | ϕd_1 | T | | | | |
| E type | 22 to 16 (0.25 to 1.65) | 5-6 | 3.5 | 1.25-3E | 3.7 (.146) | 8.0 (.315) | 16.4 (.646) | 7.6 (.299) | 4.8 (.189) | 4.0 (.157) | 1.9 (.075) | 1.0 (.039) | YHT-2210 YA-1, YA-2 YA-4 BCT-0514L | 1,000 | | |
| | | 8 | 4 | 1.25-4E | 4.3 (.169) | 8.0 (.315) | 16.4 (.646) | 7.6 (.299) | | | | | | | | |
| | | 10 | 5 | 1.25-5E | 5.3 (.209) | 8.0 (.315) | 16.4 (.646) | 7.6 (.299) | | | | | | | | |
| | 16 to 14 (1.04 to 2.63) | 8 | 4 | 2-4E | 4.3 (.169) | 9.2 (.362) | 18.6 (.732) | 7.2 (.284) | 6.8 (.268) | 5.5 (.217) | 2.3 (.091) | 1.6 (.063) | YHT-2210 YA-1 YA-2 YA-4 BCT-0514L | 1,000 | | |
| | | 10 | 5 | 2-5E | 5.3 (.209) | 9.2 (.362) | 18.6 (.732) | 7.2 (.284) | | | | | | | | |
| | | 1/4 | 6 | 2-6E | 6.4 (.252) | 13.6 (.535) | 25.3 (.996) | 11.7 (.461) | | | | | | | | |
| | | 5/16 | 8 | 2-8E | 8.4 (.331) | 13.6 (.535) | 25.3 (.996) | 11.7 (.461) | | | | | | | | |
| ES type | 16 to 14 (1.04 to 2.63) | 3/8 | 10 | 2-10E | 10.5 (.413) | 13.6 (.535) | 25.3 (.996) | 11.7 (.461) | 6.2 (.244) | 5.5 (.217) | 3.0 (.118) | 1.2 (.047) | - | 500 | | |
| | | 1/4 | 6 | 2-6ES | 6.4 (.252) | 13.5 (.532) | 24.2 (.953) | 11.3 (.445) | | | | | | | | |
| | | 5/16 | 8 | 2-8ES | 8.4 (.331) | 13.5 (.532) | 24.2 (.953) | 11.3 (.445) | | | | | | | | |
| | | 3/8 | 10 | 2-10ES | 10.5 (.413) | 13.5 (.532) | 24.2 (.953) | 11.3 (.445) | | | | | | | | |
| | | | | | 10.5 (.413) | 19.0 (.748) | 31.6(1.244) | 16.0 (.630) | | | | | | | | |

Note:1) The ϕD of products with the suffix "E" at the end of the part number is one size larger than the non-insulated terminal with the same part number.

For the crimping tool jaws, select one size larger from among the three jaw sizes on the YHT-2210 crimping tool.

2) Contact JST concerning minimum lot size.

3) 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. 2-4E → **WS2-4E**).

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