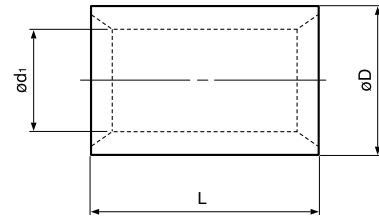


**PARALLEL****Non-insulated**

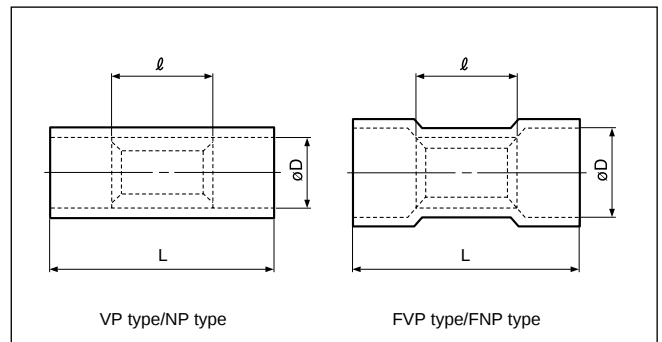
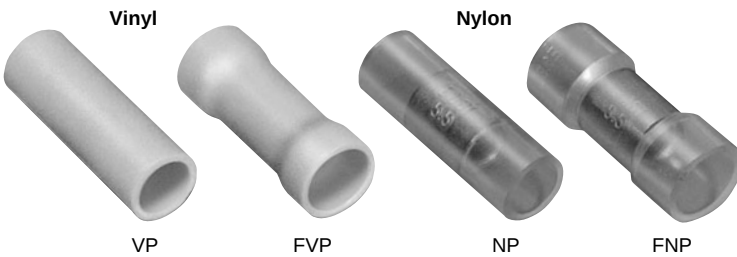
Certificate No.: E42024 LR20812 JQ0607002

| Applicable Wire<br>AWG#(mm <sup>2</sup> ) | Part No. | Standard                                                                                                                                                                                                                                              | Dimensions mm (in.) |             |                  | Tool No. |        |      |      |      |      |         |           |          |          |          |          | Qty/box |           |           |          |       |
|-------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------|------------------|----------|--------|------|------|------|------|---------|-----------|----------|----------|----------|----------|---------|-----------|-----------|----------|-------|
|                                           |          |                                                                                                                                                                                                                                                       | L                   | ø D         | ø d <sub>1</sub> | YHT-2210 | YHT-8S | YA-1 | YA-2 | YA-4 | YA-5 | YPT-60N | YPT-150-1 | BCT-0514 | BCT-860N | BCT-8150 | YET-60-1 |         | YET-150-1 | YET-300-1 | YET-300N |       |
| 22 to 16<br>(0.25 to 1.65)                | P-1.25   |    | 8.0 (.315)          | 3.3 (.130)  | 1.7 (.067)       | 0        |        | 0    | 0    | 0    |      |         |           | 0        |          |          |          |         |           |           |          | 1,000 |
| 16 to 14<br>(1.04 to 2.63)                | P-2      |                                                                                                                                                                                                                                                       | 8.0 (.315)          | 4.1 (.161)  | 2.3 (.091)       | 0        |        | 0    | 0    | 0    |      |         |           | 0        |          |          |          |         |           |           |          |       |
| 12 to 10<br>(2.63 to 6.64)                | P-5.5    |                                                                                                                                                                                                                                                       | 8.5 (.335)          | 5.4 (.213)  | 3.4 (.134)       | 0        |        | 0    | 0    | 0    |      |         |           | 0        |          |          |          |         |           |           |          |       |
| 8<br>(6.64 to 10.52)                      | P-8      |                                                                                                                                                                                                                                                       | 9.5 (.374)          | 7.0 (.276)  | 4.5 (.177)       |          | 0      |      |      |      | 0    | 0       | 0         | 0        | 0        | 0        | 0        | 0       | 0         |           |          | 500   |
| 6<br>(10.52 to 16.78)                     | P-14     |                                                                                                                                                                                                                                                       | 11.0 (.433)         | 8.9 (.350)  | 5.8 (.228)       |          |        |      |      |      | 0    | 0       | 0         | 0        | 0        | 0        | 0        | 0       | 0         | 0         |          | 200   |
| 4<br>(16.78 to 26.66)                     | P-22     |                                                                                                                                                                                                                                                       | 13.5 (.531)         | 11.3 (.445) | 7.7 (.303)       |          |        |      |      |      |      | 0       | 0         | 0        |          | 0        | 0        | 0       | 0         |           |          | 100   |
| 2<br>(26.66 to 42.42)                     | P-38     |                                                                                                                                                                                                                                                       | 16.5 (.650)         | 13.2 (.520) | 9.4 (.370)       |          |        |      |      |      |      | 0       | 0         | 0        |          | 0        | 0        | 0       | 0         |           |          |       |
| 1/0<br>(42.42 to 60.57)                   | P-60     |                                                                                                                                                                                                                                                       | 19.0 (.748)         | 15.3 (.602) | 11.4 (.449)      |          |        |      |      |      |      | 0       | 0         | 0        |          | 0        | 0        | 0       | 0         | 0         | 0        |       |
| 2/0<br>(60.57 to 76.28)                   | P-70     |                                                                                                                                                                                                                                                       | 19.0 (.748)         | 17.5 (.689) | 13.3 (.524)      |          |        |      |      |      |      |         |           | 0        |          | 0        |          | 0       | 0         | 0         | 0        | 50    |
| 3/0<br>(76.28 to 96.3)                    | P-80     |                                                                                                                                                                                                                                                       | 19.5 (.768)         | 19.5 (.768) | 14.5 (.571)      |          |        |      |      |      |      |         |           | 0        |          | 0        |          | 0       | 0         | 0         | 0        | 25    |
| 4/0<br>(96.3 to 117.2)                    | P-100    |                                                                                                                                                                                                                                                       | 20.0 (.787)         | 22.1 (.870) | 16.4 (.646)      |          |        |      |      |      |      |         |           | 0        |          | 0        |          | 0       | 0         | 0         | 0        |       |
| 250 to 300MCM<br>(117.2 to 152.05)        | P-150    |                                                                                                                                                                                                                                                       | 27.0(1.063)         | 26.4(1.039) | 19.5 (.768)      |          |        |      |      |      |      |         |           | 0        |          | 0        |          | 0       | 0         | 0         | 0        | 20    |
| 350MCM<br>(152.05 to 192.6)               | P-180    |                                                                                                                                                                                                                                                       | 28.5(1.122)         | 28.5(1.122) | 21.0 (.827)      |          |        |      |      |      |      |         |           |          |          |          |          |         |           | 0         | 0        |       |
| 400MCM<br>(192.6 to 242.27)               | P-200    |                                                                                                                                                                                                                                                       | 32.0(1.260)         | 32.4(1.276) | 24.0 (.945)      |          |        |      |      |      |      |         |           |          |          |          |          |         |           | 0         | 0        | 10    |
| 600 to 650MCM<br>(242.27 to 325)          | P-325    |                                                                                                                                                                                                                                                       | 37.0(1.457)         | 37.0(1.457) | 28.0(1.102)      |          |        |      |      |      |      |         |           |          |          |          |          |         |           | 0         | 0        |       |

Note:1) Products with the JIS mark conform to JIS C2806.

2) "Applicable Wires" indicates the total cross-sectional area.

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

**Vinyl or nylon insulated**

Certificate No.: E42024 LR20812

| Applicable Wire<br>AWG#(mm <sup>2</sup> ) | Part No.        |                 | Standard | Dimensions mm (in.) |            |            | Color  | Tool No. |          |           |      |      |      |          | Qty/box |       |
|-------------------------------------------|-----------------|-----------------|----------|---------------------|------------|------------|--------|----------|----------|-----------|------|------|------|----------|---------|-------|
|                                           | Vinyl           | Nylon           |          | L                   | ℓ          | ø D        |        | YNT-2216 | YNT-1614 | YNT-1210S | YA-1 | YA-2 | YA-4 | BCT-0514 | Vinyl   | Nylon |
| 22 to 16 *(0.25 to 1.65)                  | <b>VP-1.25</b>  | <b>NP-1.25</b>  |          | 16.0 (.630)         | 8.0 (.315) | 3.2 (.126) | Red    | 0        |          |           | 0    | 0    | 0    | 0        | 1,000   |       |
|                                           | <b>FVP-1.25</b> | <b>FNP-1.25</b> |          |                     |            | 4.0 (.157) |        |          |          |           |      |      |      |          |         |       |
| 16 to 14 (1.04 to 2.63)                   | <b>VP-2</b>     | <b>NP-2</b>     |          | 16.0 (.630)         | 8.0 (.315) | 3.9 (.154) | Blue   | 0        |          |           | 0    | 0    | 0    | 0        | 1,000   |       |
|                                           | <b>FVP-2</b>    | <b>FNP-2</b>    |          |                     |            | 4.5 (.177) |        |          |          |           |      |      |      |          | 1,000   | 500   |
| 12 to 10 (2.63 to 6.64)                   | <b>VP-5.5</b>   | <b>NP-5.5</b>   |          | 20.5 (.807)         | 8.5 (.335) | 5.4 (.213) | Yellow |          |          | 0         |      |      | 0    | 0        | 500     |       |
|                                           | <b>FVP-5.5</b>  | <b>FNP-5.5</b>  |          |                     |            | 6.8 (.268) |        |          |          |           |      |      |      |          | 500     | 250   |

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 0.3mm<sup>2</sup>, fold the wire in two when crimping the terminal.If the cross-sectional area of the wire is 0.5mm<sup>2</sup>, crimp the terminal onto the wire as it is.

2) "Applicable Wires" indicates the total cross-sectional area.

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

## Wire combination table for parallel splices specified by UL

| AWG#    | ↓ Number of wires P-1.25 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22      | 2                        | 2 | 2 | 1 | 1 | 1 | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 20      | 1                        |   |   | 2 | 1 | 1 |   |   | 3 | 2 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18      |                          | 1 |   |   | 1 |   | 1 |   |   |   | 1 | 2 |   |   |   |   |   |   |   |   |   |   |   |   |
| 16      |                          |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-2    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 22      | 2                        | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |
| 20      | 1                        |   |   |   | 2 | 1 | 1 | 1 |   |   |   |   | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |   |   |   |   |
| 18      |                          | 1 |   |   |   | 1 |   |   | 2 | 1 | 1 |   |   | 1 |   |   | 2 | 1 | 1 |   | 3 | 2 | 2 | 1 |
| 16      |                          |   | 1 |   |   |   | 1 |   |   | 1 |   | 1 |   |   | 1 |   |   | 1 |   | 1 |   | 1 |   | 1 |
| AWG#    | ↓ Number of wires P-5.5  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18      | 2                        | 1 | 1 | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 16      |                          | 1 |   |   |   | 2 | 1 | 1 | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 14      |                          |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 12      |                          |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 10      |                          |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-8    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 16      |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 14      |                          |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 12      | 2                        |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 10      |                          | 1 | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-14   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 14      |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 12      |                          |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 10      | 2                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8       |                          | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-22   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 10      |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8       | 2                        |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6       |                          | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-38   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8       |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6       | 2                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4       |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-60   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6       |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4       | 2                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2       |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-70   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6       |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2       | 2                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1/0     |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-80   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4       | 1                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2/0     | 1                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-100  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2       | 1                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2/0     | 1                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-150  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2       |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1/0     |                          |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2/0     | 2                        |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 3/0     |                          | 1 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-180  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1/0     |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2/0     |                          |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 3/0     | 2                        |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4/0     |                          | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-200  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2/0     |                          |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 3/0     |                          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4/0     | 2                        | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 250/MCM |                          |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AWG#    | ↓ Number of wires P-325  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4/0     | 1                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 250/MCM |                          | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 300/MCM | 1                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |