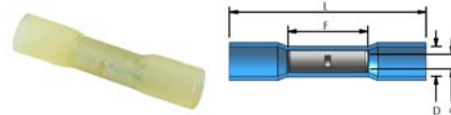


# HEAT SHRINK INSULATED BUTT CONNECTORS

## Specifications

- Waterproof
- Maximum Electrical Rating: 600 Volts
- Shrink Temperature: +150°C
- Operating Temperature: -10° to +105°C
- Terminal Material: Copper Tube
- Plating: Electro Tin Plated
- Insulated Material: Heat Shrinkable Tube



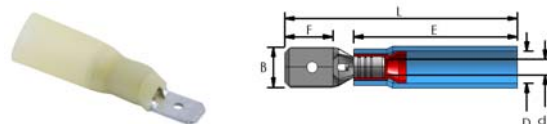
## Ordering Information:

| Wire Range<br>AWG / mm <sup>2</sup>  | NTE Part<br>Number | Dimensions inch(mm) |              |            |            | Insulated<br>Color |
|--------------------------------------|--------------------|---------------------|--------------|------------|------------|--------------------|
|                                      |                    | F                   | L            | D          | d          |                    |
| 26 – 24 AWG 0.2 – 0.4mm <sup>2</sup> | 76-HIBC26          | .472 (12.0)         | .945 (24.0)  | .082 (2.1) | .047 (1.2) | Transparent        |
| 22 – 18 AWG 0.5 – 1.5mm <sup>2</sup> | 76-HIBC22          | .591 (15.0)         | 1.457 (37.0) | .177 (4.5) | .063 (1.6) | Red                |
| 16 – 14 AWG 1.5–2.5mm <sup>2</sup>   | 76-HIBC16          | .591 (15.0)         | 1.457 (37.0) | .217 (5.5) | .091 (2.3) | Blue               |
| 12 – 10 AWG 4–6mm <sup>2</sup>       | 76-HIBC12          | .591 (15.0)         | 1.614 (41.0) | .256 (6.5) | .142 (3.6) | Yellow             |

# HEAT SHRINK INSULATED MALE DISCONNECTS

## Specifications

- Waterproof
- Maximum Electrical Rating: 300 Volts
- Shrink Temperature: +150°C
- Operating Temperature: -10° to +105°C
- Terminal Material: Brass
- Plating: Electro Tin Plated
- Reinforcement Sleeve: C Type Sleeve
- Insulated Material: Heat Shrinkable Tube



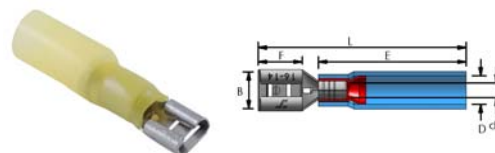
## Ordering Information:

| Wire Range<br>AWG / mm <sup>2</sup>     | NTE Part<br>Number | Dimensions inch(mm)        |            |              |            |              |            |            |
|-----------------------------------------|--------------------|----------------------------|------------|--------------|------------|--------------|------------|------------|
|                                         |                    | NEMA Tab                   | B          | L            | F          | E            | D          | d1         |
| 22 – 18 AWG<br>0.5 – 1.5mm <sup>2</sup> | 76-HIMD22          | .032 x .250<br>(0.8 x 6.4) | .250 (6.4) | 1.457 (37.0) | .307 (7.8) | 1.043 (26.5) | .177 (4.5) | .067 (1.7) |
| 16 – 14 AWG<br>1.5–2.5mm <sup>2</sup>   | 76-HIMD16          | .032 x .250<br>(0.8 x 6.4) | .250 (6.4) | 1.457 (37.0) | .307 (7.8) | 1.043 (26.5) | .217 (5.5) | .091 (2.3) |
| 12 – 10 AWG<br>4–6mm <sup>2</sup>       | 76-HIMD12          | .032 x .250<br>(0.8 x 6.4) | .250 (6.4) | 1.457 (37.0) | .307 (7.8) | 1.043 (26.5) | .315 (8.0) | .134 (3.4) |

# HEAT SHRINK INSULATED FEMALE DISCONNECTS

## Specifications

- Waterproof
- Maximum Electrical Rating: 300 Volts
- Shrink Temperature: +150°C
- Operating Temperature: -10° to +105°C
- Terminal Material: Brass
- Plating: Electro Tin Plated
- Reinforcement Sleeve: C Type Sleeve
- Insulated Material: Heat Shrinkable Tube



## Ordering Information:

| Wire Range<br>AWG / mm <sup>2</sup>     | NTE Part<br>Number | Dimensions inch(mm)        |            |              |            |              |            |            |
|-----------------------------------------|--------------------|----------------------------|------------|--------------|------------|--------------|------------|------------|
|                                         |                    | NEMA Tab                   | B          | L            | F          | E            | D          | d1         |
| 22 – 18 AWG<br>0.5 – 1.5mm <sup>2</sup> | 76-HIFD22          | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | 1.417 (36.0) | .311 (7.9) | 1.043 (26.5) | .177 (4.5) | .067 (1.7) |
| 16 – 14 AWG<br>1.5–2.5mm <sup>2</sup>   | 76-HIFD16          | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | 1.417 (36.0) | .311 (7.9) | 1.043 (26.5) | .217 (5.5) | .091 (2.3) |
| 12 – 10 AWG<br>4–6mm <sup>2</sup>       | 76-HIFD12          | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | 1.417 (36.0) | .311 (7.9) | 1.043 (26.5) | .315 (8.0) | .134 (3.4) |