

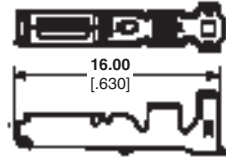


## 070/250 Series Hybrid I/O

### Receptacle Contact (For Plug Housing)

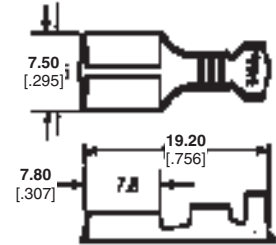
#### 070 Series Material:

Brass or phosphor bronze  
(See table for material and finish)



#### 250 Series Material:

Brass  
(See table for material and finish)

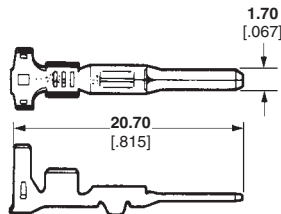


| Wire Range<br>AWG | Wire Ins.<br>mm <sup>2</sup> | Wire Ins.<br>Diameter | Finish    | Part No. of Receptacle Contact |            |                         |
|-------------------|------------------------------|-----------------------|-----------|--------------------------------|------------|-------------------------|
|                   |                              |                       |           | 070 Series (Strip Form)        |            | 250 Series (Strip Form) |
|                   |                              |                       |           | Brass                          | Phos. Bro. | Brass                   |
| 24-22             | 0.2~0.35                     | 1.2~2.0<br>.047~.079  | Pre-tin.  | 173630-1                       | 173630-6   | —                       |
|                   |                              |                       | Sel. gold | 173630-2                       | 173630-7   | —                       |
| 20-16             | 0.5~1.25                     | 2.0~2.6<br>.079~.102  | Pre-tin.  | 173631-1                       | 173631-6   | —                       |
|                   |                              |                       | Sel. gold | 173631-2                       | 173631-7   | —                       |
| 22-20             | 0.3~0.5                      | 1.5~2.2<br>.059~.087  | —         | —                              | —          | 170384-1                |
|                   |                              |                       | Tin       | —                              | —          | 170384-2                |
| 20-14             | 0.5~2.27                     | 2.2~3.4<br>.087~.134  | —         | —                              | —          | 170032-2                |
|                   |                              |                       | Tin       | —                              | —          | 170032-5                |
| 14-12             | 2.0~3.37                     | 2.9~3.8<br>.114~.150  | —         | —                              | —          | 170258-1                |
|                   |                              |                       | Tin       | —                              | —          | 170258-2                |

### Tab Contact (For Cap Housing)

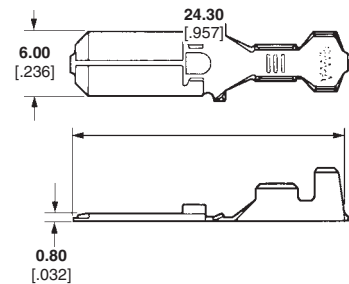
#### 070 Series Material:

Brass or phosphor bronze  
(See table for material and finish)



#### 250 Series Material:

Brass  
(See table for material and finish)



| Wire Range<br>AWG | Wire Ins.<br>mm <sup>2</sup> | Wire Ins.<br>Diameter | Finish    | Part No. of Tab Contact |            |                         |
|-------------------|------------------------------|-----------------------|-----------|-------------------------|------------|-------------------------|
|                   |                              |                       |           | 070 Series (Strip Form) |            | 250 Series (Strip Form) |
|                   |                              |                       |           | Brass                   | Phos. Bro. | Brass                   |
| 24-22             | 0.2~0.35                     | 1.2~2.0<br>.047~.079  | Pre-tin.  | 173633-1                | 173633-2   | —                       |
|                   |                              |                       | Sel. gold | —                       | 173633-3   | —                       |
| 20-16             | 0.5~1.25                     | 2.0~2.6<br>.079~.102  | Pre-tin.  | 173645-1                | 173645-2   | —                       |
|                   |                              |                       | Sel. gold | —                       | 173645-3   | —                       |
| 22-20             | 0.3~0.5                      | 1.5~2.2<br>.059~.087  | —         | —                       | —          | 170349-1                |
| 20-14             | 0.5~2.27                     | 2.2~3.4<br>.087~.134  | —         | —                       | —          | 170340-1                |
|                   |                              |                       | Pre-tin.  | —                       | —          | 170340-3                |
| 14-12             | 2.0~3.37                     | 2.9~3.8<br>.114~.150  | —         | —                       | —          | 170341-1                |
|                   |                              |                       | Pre-tin.  | —                       | —          | 170341-3                |

**070/250 Series Hybrid I/O**

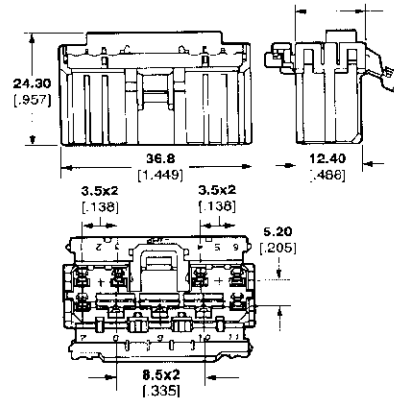
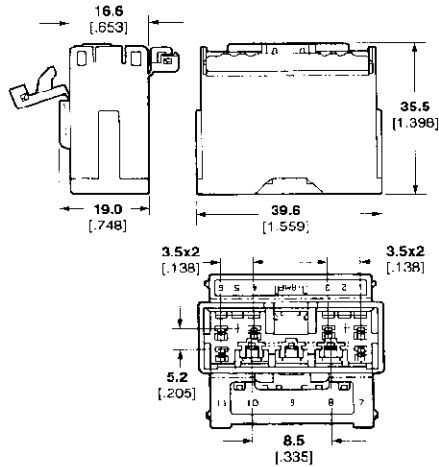
**CAP HOUSING**

**PLUG HOUSING**

174940-□

**11  
P**

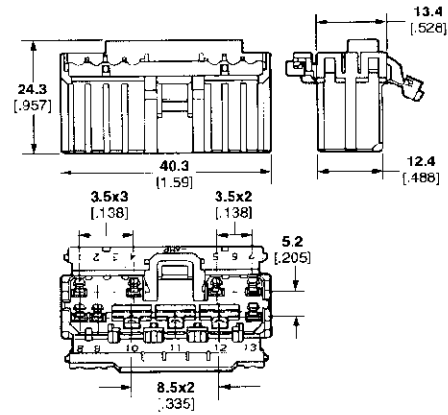
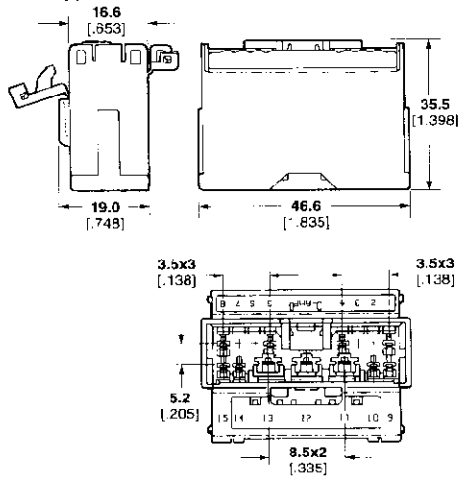
174925-□



174941-□

**13  
P**

174926-□



174942-□

**15  
P**

174927-□

