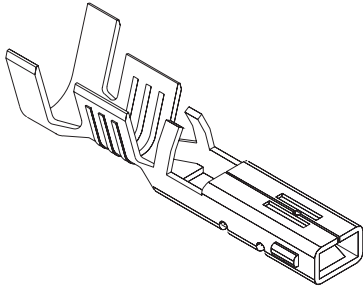


# 1.80mm (.070") Width VersaBlade™ Wire-to-Wire Terminal

## 35746/35748

### Female, Crimp With Polarizing Dimple



#### Features and Benefits

- Low insertion force
- Housing-locking feature avoids deformation of terminal
- Fully enclosed box design protects contact area from damage and provides 3 points of contact
- Accepts wide wire range (14 to 22 AWG)
- Strip length: 4.0 to 4.8mm

#### Reference Information

Product Specification: PS-35150  
 Packaging: Reel  
 Tooling Information: Semi-automatic crimping press and applicator  
 Mates With: 35745 and 35747 male terminals  
 Use With: 35150, 35151, 35180 and 35181 housings  
 Designed In: Millimeters

#### Electrical

Voltage: 300V

Current:

AWG	14	16	18	20	22
	15.0A	10.0A	7.0A	5.0A	4.0A

Contact Resistance: 10 milliohms max.  
 Dielectric Withstanding Voltage: 1500V  
 Insulation Resistance: 100 Megohms min.

#### Mechanical

Contact Insertion Force: 2.5kgf max.  
 Contact Retention to Housing: 4.0kgf min.  
 Wire Pull-Out Force: 14AWG—15.0kgf min.  
 Mating Force: 1.6kgf max.  
 Unmating Force: 0.5kgf min.  
 Durability: 30 cycles

#### Physical

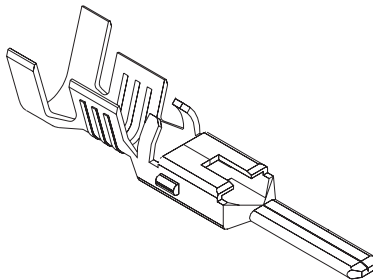
Contact: Phosphor Bronze  
 Plating: Tin  
 Insulation Diameter: See Table  
 Strip Length: 4.00 to 4.50mm (.157 to .177")  
 Wire Range: See Table

Order No.	Wire Range AWG	Insulation Range (max.)	Lead-free
35746/35748-0110	20-22	2.70 (.106)	Yes
35746/35748-0210	14-18	3.40 (.134)	
35746/35748-0310	18+18, 20+20	6.00 (.236)	
35746/35748-0410	24-26	2.35 (.093)	

# 1.80mm (.070") Width VersaBlade™ Wire-to-Wire Terminal

## 35745/35747

### Male, Crimp With Polarizing Dimple



#### Features and Benefits

- Low insertion force
- Housing-locking feature avoids deformation of terminal
- Accepts wide wire range (14 to 22 AWG)
- Strip length: 4.0 to 4.5mm

#### Reference Information

Product Specification: PS-35150  
 Packaging: Reel  
 Tooling Information: Semi-automatic crimping press and applicator  
 Mates With: 35746 and 35748 female terminals  
 Use With: 35150, 35151, 35180 and 35181 housings  
 Designed In: Millimeters

#### Electrical

Voltage: 300V

Current:

AWG	14	16	18	20	22
	15.0A	10.0A	7.0A	5.0A	4.0A

Contact Resistance: 10 milliohms max.  
 Dielectric Withstanding Voltage: 1500V  
 Insulation Resistance: 100 Megohms min.

#### Mechanical

Contact Insertion Force: 2.5kgf max.  
 Contact Retention to Housing: 4.0kgf min.  
 Wire Pull-Out Force: 14AWG—15.0kgf min.  
 Mating Force: 1.6kgf max.  
 Unmating Force: 0.5kgf min.  
 Durability: 30 cycles

#### Physical

Contact: Brass  
 Plating: Tin  
 Insulation Diameter: See Table  
 Strip Length: 4.00 to 4.50mm (.157 to .177")  
 Wire Range: See Table

Order No.	Wire Range AWG	Insulation Range (max.)	Lead-free
35745/35747-0110	20-22	2.70 (.106)	Yes
35745/35747-0210	14-18	3.40 (.134)	
35745/35747-0310	18+18, 20+20	6.00 (.236)	
35745/35747-0410	24-26	2.35 (.093)	