

CRIMP MALE TERMINAL



6741 – 6743 – 6747 SERIES. 4.20 (0.165”) mm. Pitch.

General Features

- Accommodates wire range AWG 16 through 26
- Use in housing 4.20 mm. pitch 6739 and 6740 series
- Male contact fin plated locking lance
- Maximum insulation diameter 3.10 mm (0.122")

Materials

- Contact: Brass or phosphor bronze tin plated
For other plating consult the sales Office
- Operating temperature -40°C to +85°C

Electrical Features

- Current rating: < 9 A
- Contact resistance: < 10 mΩ

Mechanical Features

- Durability: 25 cycles
- Wire pull-out force:

| | | | |
|-----------|--------|----------|--------|
| 11.00 Kgf | 16 AWG | 5.00 Kgf | 22 AWG |
| 9.00 Kgf | 18 AWG | 3.00 Kgf | 24 AWG |
| 7.00 Kgf | 20 AWG | 2.00 Kgf | 26 AWG |

Dimensional Information

| Part Number | Material | Packing opt. | Wire Range | Insulation Range | Dimensions | | | |
|-----------------|-----------------|--------------|-------------|---------------------|-------------|-------------|-------------|-------------|
| | | | | | C | D | E | F |
| 6741 - 2000 | Brass | Chain | 22 – 26 AWG | 0.9–1.8 (.035-.071) | 3.4 (0.134) | 3.3 (0.130) | 2.5 (0.098) | 2.3 (0.091) |
| 6741 - 2001 | Brass | Loose piece | 22 – 26 AWG | 0.9–1.8 (.035-.071) | 3.4 (0.134) | 3.3 (0.130) | 2.5 (0.098) | 2.3 (0.091) |
| 6743 – 2000 | Brass | Chain | 18 – 22 AWG | 1.3-3.1 (.051-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.5 (0.098) | 2.3 (0.091) |
| 6743 – 2001 | Brass | Loose piece | 18 – 22 AWG | 1.3-3.1 (.051-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.5 (0.098) | 2.3 (0.091) |
| 6741 – 2010 | Phosphor bronze | Chain | 22 – 26 AWG | 0.9–1.8 (.035-.071) | 3.4 (0.134) | 3.3 (0.130) | 2.5 (0.098) | 2.3 (0.091) |
| 6741 – 2011 | Phosphor bronze | Loose piece | 22 – 26 AWG | 0.9–1.8 (.035-.071) | 3.4 (0.134) | 3.3 (0.130) | 2.5 (0.098) | 2.3 (0.091) |
| 6743 – 2010 | Phosphor bronze | Chain | 18 – 22 AWG | 1.3-3.1 (.051-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.5 (0.098) | 2.3 (0.091) |
| 6743 – 2011 | Phosphor bronze | Loose piece | 18 – 22 AWG | 1.3-3.1 (.051-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.5 (0.098) | 2.3 (0.091) |
| 6747 - 2000 | Brass | Chain | 16 AWG | 1.8-3.1 (.071-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.8 (0.110) | 2.6 (0.102) |
| 6747 - 2001 | Brass | Loose piece | 16 AWG | 1.8-3.1 (.071-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.8 (0.110) | 2.6 (0.102) |
| 6747 - 2010 | Phosphor bronze | Chain | 16 AWG | 1.8-3.1 (.071-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.8 (0.110) | 2.6 (0.102) |
| 6747 - 2011 | Phosphor bronze | Loose piece | 16 AWG | 1.8-3.1 (.071-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.8 (0.110) | 2.6 (0.102) |
| 6743 – 2000HC** | Cooper alloy* | Chain | 18 – 22 AWG | 1.3-3.1 (.051-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.5 (0.098) | 2.3 (0.091) |
| 6743 – 2001HC** | Cooper alloy* | Loose piece | 18 – 22 AWG | 1.3-3.1 (.051-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.5 (0.098) | 2.3 (0.091) |
| 6747 – 2000HC** | Cooper alloy* | Chain | 16 AWG | 1.8-3.1 (.071-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.8 (0.110) | 2.6 (0.102) |
| 6747 – 2001HC** | Cooper alloy* | Loose piece | 16 AWG | 1.8-3.1 (.071-.122) | 4.0 (0.158) | 4.5 (0.177) | 2.8 (0.110) | 2.6 (0.102) |

** High electric conductive cooper alloy

