

# 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

