

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

