

**Note:** All part numbers are RoHS Compliant.

**Power Contacts, Series 3**

**Type XII, Precision Formed, Crimp**

**Material**

Copper

**Finish**

- A—Tin
- B—.000030 [0.00076] selective gold over .000030 [0.00076] nickel
- C—.000100 [0.00254] silver plated contacts with lubricant added

**Test Current Rating**

- Silver or Gold—35 amperes ‡
- Tin—15 amperes ‡

‡Single contact, free-air test current; not to be construed as contact rating current. Use only for testing. Refer to contact current carrying capability information, page 8.

**Related Product Data**

**Application Tooling**—Pages 76-79

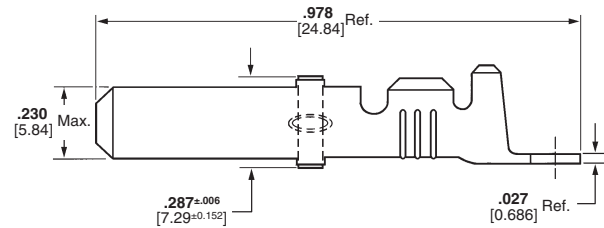
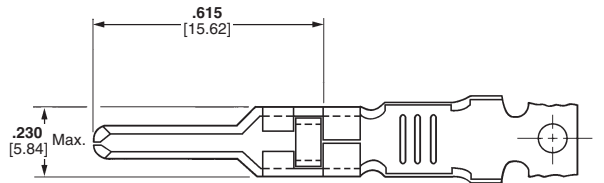
**Technical Documents**—Page 80



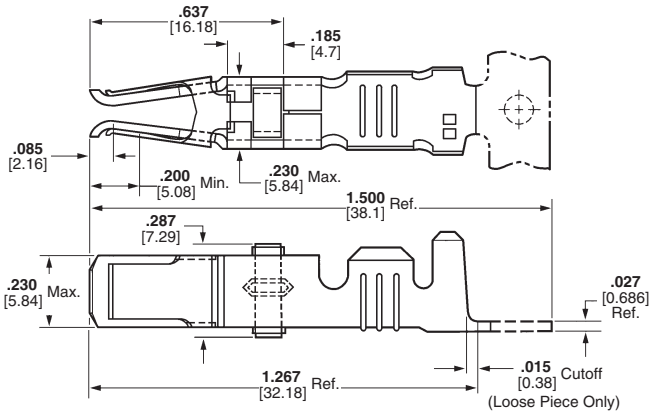
Male



Female



Male



Female



Extraction Tool Part No. 91019-3

Wire Size Range <sup>1</sup>	Ins. Dia. Range	Contact Finish	Strip Form Contact Part Nos.				Loose Piece		Tooling	
			Standard***		Heavy Duty Miniature***		Contact Part Nos.		Heavy Duty Miniature Applicator	Die Set for Hand Tool 69710-1 or 626 Pneumatic Tool System
			Male	Female	Male	Female	Male	Female		
16 and 14-12 1.25-1.4 and 2-3	.135-.160 3.43-4.06	A	66255-1	66740-7	66255-5	1-66740-2	66261-1	66740-8	567455-□***	90145-2 <sup>3,7</sup> and 90145-1 <sup>4,7</sup>
			66256-1 <sup>2</sup>	—	66256-5 <sup>2</sup>	—	66262-1 <sup>2</sup>	—		
		B	66255-2	66740-5	66255-6	1-66740-1	66261-2	66740-6		
			66256-2 <sup>2</sup>	—	66256-4 <sup>2</sup>	—	66262-2 <sup>2</sup>	—		
		C <sup>5</sup>	66255-7	66740-1	66255-8	66740-9	66261-4	66740-2		
			66256-6 <sup>2</sup>	—	66256-7 <sup>2</sup>	—	66262-4 <sup>2</sup>	—		
10 5-6	.190-.220 4.83-5.59	A	66253-1	66741-7	66253-5	1-66741-2	66259-1	66741-8	567021-□***	90140-1 <sup>7</sup>
			66254-1 <sup>2</sup>	—	—	—	66260-1 <sup>2</sup>	—		
		B	66253-2	66741-5	66253-6	1-66741-1	66259-2	66741-6		
			66254-2 <sup>2</sup>	—	—	—	66260-2 <sup>2</sup>	—		
		C <sup>5</sup>	66253-4	66741-1	66253-8	66741-9	66259-4	66741-2		
			66254-4 <sup>2</sup>	—	—	—	66260-4 <sup>2</sup>	—		

<sup>1</sup>Wire strip length—.281 [7.14].

<sup>2</sup>Ground contact.

<sup>3</sup>Die insert Part No. 90145-2 is for crimping 16 AWG [1.25-1.4 mm<sup>2</sup>] wire.

<sup>4</sup>Die insert Part No. 90145-1 is for crimping 14-12 AWG [2-3 mm<sup>2</sup>] wire.

<sup>5</sup>Recommended for high current/vibration applications where fretting corrosion is a problem.

<sup>7</sup>Die Set requires "C" Head Adapter Part No. 318161-1; Adapter Holder Part No. 356304-1 (with ratchet) or 189928-1 (without); and Power Unit Part No. 189721-2 (hand actuated) or 189722-2 (foot actuated).

Extraction Tool No. 91019-3.

\*\*\*Call Technical Support for Automatic Machine Applicator Part Numbers.