



AMP Circular Connectors for
 Commercial Signal and Power Applications

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



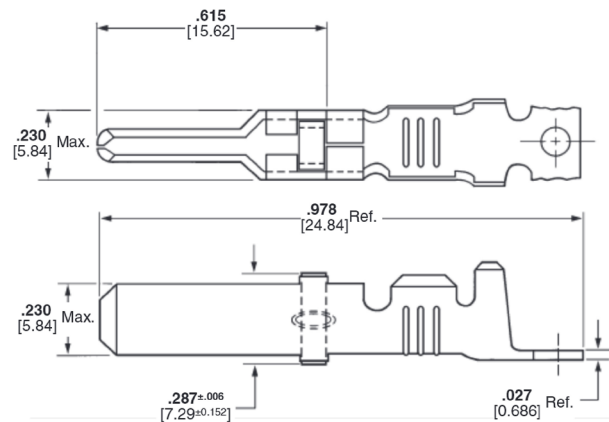
Extraction Tool Part No. 91019-3



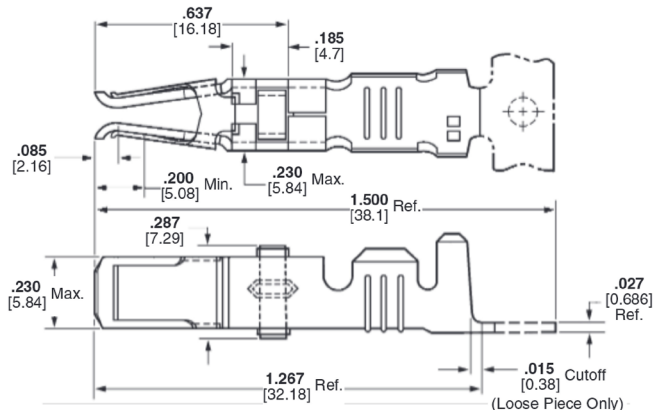
Male



Female



Male



Female

Wire Size Range ¹		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
AWG	mm ²			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-□***	90145-23,7 and 90145-14,7
				66256-1 ²	—	66256-5 ²	—	66262-1 ²	—		
			B	66255-2	66740-5	66255-6	1-66740-1	66261-2	66740-6		
				66256-2 ²	—	66256-4 ²	—	66262-2 ²	—		
			C ⁵	66255-7	66740-1	66255-8	66740-9	66261-4	66740-2		
				66256-6 ²	—	66256-7 ²	—	66262-4 ²	—		
10	5-6	.190-.220 4.83-5.59	A	66253-1	66741-7	66253-5	1-66741-2	66259-1	66741-8	567021-□***	90140-17
				66254-1 ²	—	—	—	66260-1 ²	—		
			B	66253-2	66741-5	66253-6	1-66741-1	66259-2	66741-6		
				66254-2 ²	—	—	—	66260-2 ²	—		
			C ⁵	66253-4	66741-1	66253-8	66741-9	66259-4	66741-2		
				66254-4 ²	—	—	—	66260-4 ²	—		

¹Wire strip length—.281 [7.14].

²Ground contact.

³Die insert **Part No. 90145-2** is for crimping 16 AWG [1.25-1.4 mm²] wire.

⁴Die insert **Part No. 90145-1** is for crimping 14-12 AWG [2-3 mm²] wire.

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

⁷Die 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.