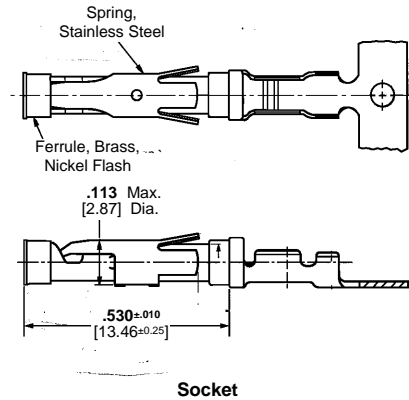
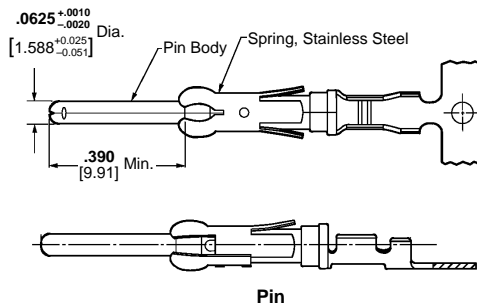
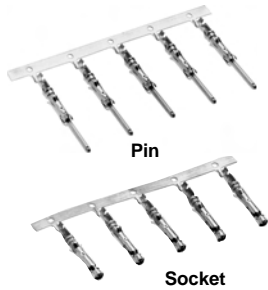


Signal Contacts

Type III+, Crimp, Snap-In



Material

Contact Body—Brass or phosphor bronze
Retention Spring—Stainless steel

Finish

See chart.

Related Product Data

Application Tooling—Pages 29, 30

Technical Documents

114-10004 Application Specification
 108-10042 Product Specification

Contact Size 16—Pin Diameter .062 [1.57] (Test Current, 13 Ampere)‡

AWG	Wire Size Range mm ²	Ins. Dia. Range	Contact Finish	Strip Form Contact No.		Loose Piece Contact No.		Tooling Part No.			
				Pin	Socket	Pin	Socket	Loose Piece Hand Tool	Strip Form Applicators		
30-28	0.05-0.09	.015-.030 0.38-0.76	Gold/Nickel ²	788085-3	788088-2	—	—	90716-1	567867-1*** or 567947-1*** or 680602-□***		
			Sel. Gold/Nickel ³	788085-1	788088-1	788085-4	788088-3		—	—	
			Bright Tin-Lead	66425-6	66424-6	—	—		—	—	
30-26	0.05-0.15	.040-.060 ¹ 1.02-1.52	Gold/Nickel ²	66425-7	66424-7	66429-3	66428-3	91515-1 ⁶	466598-□***		
			Sel. Gold/Nickel ³	66425-8	66424-8	66429-4	66428-4			—	—
			Bright Tin-Lead	66393-7	66394-7	—	—			—	—
26-24	0.12-0.2	.035-.055 ¹ 0.89-1.40	Gold/Nickel ²	66393-8	66394-8	66406-4	66405-4	90225-2 ⁶	466585-3***		
			Sel. Gold/Nickel ³	66106-6	66108-6	66107-2	66109-2			—	—
			Bright Tin-Lead	66106-7	66108-7	66107-3	66109-3			—	—
24-20	0.2-0.6	.080-.100 ¹ 2.03-2.54	Gold/Nickel ²	66106-8	66108-8	66107-4	66109-4	91515-1 ⁶ or 58495-1*	466321-□*** or 466908-2***		
			Sel. Gold/Nickel ³	66106-9	66108-9	66107-5	66109-5			—	—
			Bright Tin-Lead	66102-7	66104-7	66103-2	66105-2			—	—
18-16	0.8-1.4	.040-.080 ¹ 1.02-2.03	Gold/Nickel ²	66102-8	66104-8	66103-3	66105-3	91515-1 ⁶ or 58495-1*	466323-□*** or 466907-2***		
			Sel. Gold/Nickel ³	66102-9	66104-9	66103-4	66105-4			—	—
			Bright Tin-Lead	2-66102-2	2-66104-3	1-66103-2	1-66105-3			—	—
24-20	0.2-0.6	.060-.120 ⁵ 1.52-3.05	Gold/Nickel ²	66104-1	66105-1	66105-1	66105-1	91542-1 ⁶	466383-4*** or 466979-1*** or 567363-□***		
			Sel. Gold/Nickel ³	66564-6	66563-6	66566-2	66565-2			—	—
			Bright Tin-Lead	66564-8	66563-8	66566-4	66565-4			—	—
18-14	0.8-2.0	.080-.100 ¹ 2.03-2.54	Gold/Nickel ²	66564-1	66566-1	66566-1	66566-1	91523-1 ⁶ or 90225-2 ⁶	466324-□*** or 466942-1***		
			Sel. Gold/Nickel ³	66332-5	66331-5	66400-1	66399-1			—	—
			Bright Tin-Lead	66332-7	66331-7	66400-3	66399-3			—	—
18-14	0.8-2.0	.110-.150 ⁵ 2.79-3.81	Gold/Nickel ²	66332-8	66331-8	66400-4	66399-4	91521-1 ⁶	466958-1*** or 567364-□***		
			Sel. Gold/Nickel ³	66332-2	66331-2	66399-2	66399-2			—	—
			Bright Tin-Lead	66098-2 ⁵	66098-7	66100-7	66099-2			66101-2	—
18-14	0.8-2.0	.080-.100 ¹ 2.03-2.54	Gold/Nickel ²	66098-8	66100-8	66099-3	66101-3	91505-1 ⁶ or 91523-1 ⁶ or 58495-1*	466325-□*** or 466906-1***		
			Sel. Gold/Nickel ³	66098-9	66100-9	66099-4	66101-4			—	—
			Bright Tin-Lead	66098-6	66099-6	66099-1	66099-1			—	—
18-14	0.8-2.0	.080-.100 ¹ 2.03-2.54	Gold/Nickel ²	66359-6	66358-6	66361-2	66360-2	91519-1 ⁶	466326-□*** or 466923-2***		
			Sel. Gold/Nickel ³	1-66359-1	1-66358-2	66361-7	66360-7			—	—
			Bright Tin-Lead	66359-9	66358-9	66361-3	66360-3			—	—
18-14	0.8-2.0	.110-.150 ⁵ 2.79-3.81	Gold/Nickel ²	1-66359-0	1-66358-0	66361-4	66360-4	91521-1 ⁶	466958-1*** or 567364-□***		
			Sel. Gold/Nickel ³	1-66359-2	1-66358-3	66361-8	66360-8			—	—
			Bright Tin-Lead	66597-1	66598-1	66602-1	66601-1			—	—
18-14	0.8-2.0	.110-.150 ⁵ 2.79-3.81	Gold/Nickel ²	66597-2	66598-2	66602-2	66601-2	91521-1 ⁶	466958-1*** or 567364-□***		
			Sel. Gold/Nickel ³	66597-2	66598-2	66602-2	66601-2			—	—

¹Overall insulation crimp diameter, including crimp barrel, must not exceed .125 [3.18].
²0.00015 [0.00038] gold in the mating area over .000050 [0.00127] min. nickel.
³0.00030 [0.00076] gold in the mating area, with gold flash on remainder, over .000050 [0.00127] min. nickel.
⁴0.00030 [0.00076] gold in the mating area, with gold gradient on remainder, over .000050 [0.00127] min. nickel.
⁵Contacts can only be used in Metrimate and CPC Series 1 (Arr. 23-24), Series 4 (Arr. 23-13M, 23-16M, 23-22M), and VDE connectors.

⁶To use with the 626 Pneumatic Tool System: remove the crimping head from the Straight Action Hand Tool (SAHT) Assembly, order SAHT Adapter Part No. (Call Technical Support at 800-522-6752), Adapter Holder Part No. 356304-1 (with ratchet) or 189928-1 (without), and Power Unit Part No. 189721-1 (hand actuated) or 189722-1 (foot actuated).
⁷Standard reeling of strip form contacts.
⁸Commercial PRO-CRIMPER II hand tool for field repair only. Note: Die Set can be adapted for use with the 626 Pneumatic Tool System.

‡Single contact, free-air test current is not to be construed as contact rating current. Use only for testing. Refer to contact current carrying capability information on page 3.
Insertion Tool Part No. 91002-1 (for insulation diameters .070 [1.78] or less), **No. 200893-2** (for insulation diameters .090 [2.29] max.).
Extraction Tool Part No. 305183. (Instruction Sheet 408-1216)
 ***Call Technical Support at 1-800-522-6752 for Automatic Machine Applicator Part Numbers.

Signal Contacts (Continued)

Type III+, Crimp, Snap-In

Contact Size—16
Pin Diameter—.062 [1.57]

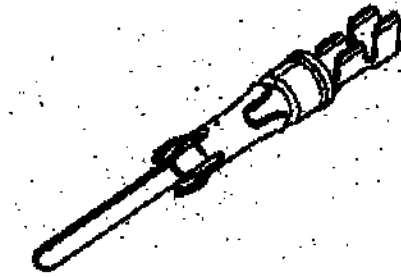
Material and Finish

Contact Body—Copper alloy, plated tin or gold
Spring—Stainless steel

Grounding Pin
 (make first - break last)

Related Product Data

Application Tooling—Pages 29, 30
Technical Documents—Page 4



Wire Size Range		Ins. Dia. Range ¹	Contact Finish	Grounding Pin Part No.		Strip Form Applicator Part No.	Loose Piece Hand Tool Part No.
[mm ²]	AWG			Strip Form	Loose Piece		
0.12-0.2	26-24	.035-.055 0.89-1.4	Tin-Lead	164159-3	164162-1	—	91515-1 ³ or 58495-1*
			Sel. Gold/Nickel ²	164159-4	164162-2		
0.2-0.6	24-20	.045-.070 1.14-1.78	Bright Tin-Lead	164160-3	164163-1	466323-□***	91515-1 ³ or 91505-1 ³ or 58495-1*
			Sel. Gold/Nickel ²	164160-4	164163-2	466907-2***	
0.8-1.4	18-16	.078-.098 1.98-2.49	Tin-Lead	164161-3	164164-1	466741-□***	91523-1 ³ or 91505-1 ³ or 58495-1*
			Sel. Gold/Nickel ²	164161-4	164164-2	680114-3***	

¹Overall insulation crimp diameter, including crimp barrel, must not exceed .125 [3.18].

²Gold flash over .000030 [0.00076] min. nickel on entire contact, with .000030 [0.00076] gold in contact area.

³To use with the 626 Pneumatic Tool System: remove the crimping head from the Straight Action Hand Tool (SAHT) Assembly, order SAHT Adapter **Part No. (Call Technical Support at 800-522-6752)**, Adapter Holder **Part No. 356304-1** (with ratchet) or **189928-1** (without), and Power Unit **PartNo. 189721-1** (hand actuated) or **189722-1** (foot actuated).

*Commercial PRO-CRIMPER II hand tool for field repair only. **Note:** Die Set can be adapted for use with the 626 Pneumatic Tool System.

***Call Technical Support at 1-800-522-6752 for Automatic Machine Applicator Part Numbers.

Extraction Tool Part No. 725840-1

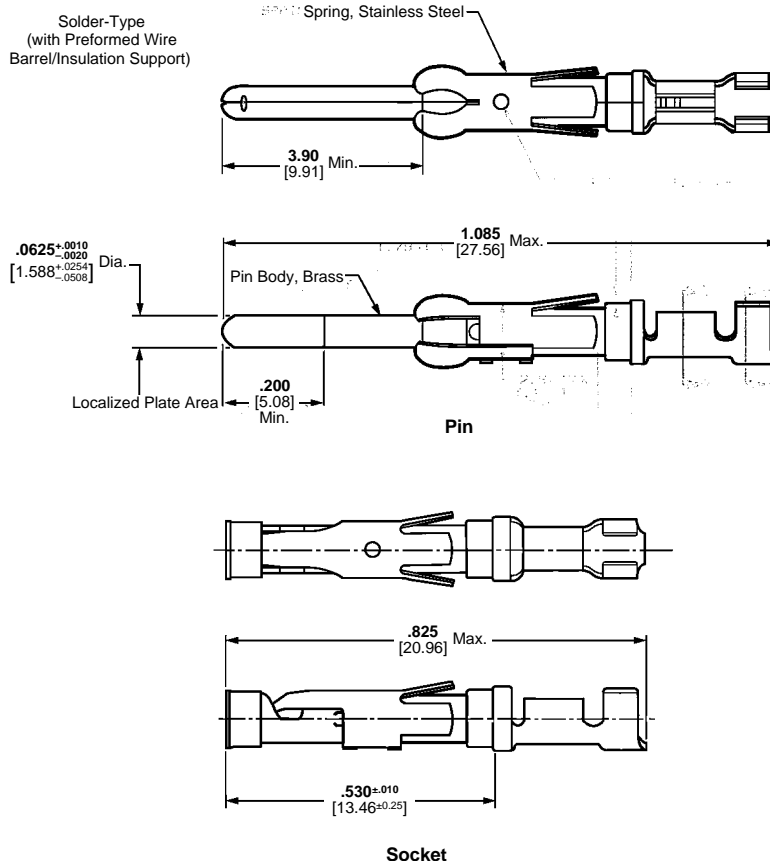
Type III+, Solder Versions



Pin



Socket



Material

Contact Body and Tab—Brass
Retention Spring—Stainless steel

Finish

See chart on Page 11.