

Mod. IV Receptacle Contacts

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.

Dimensions are shown for reference purposes only.

Crimp Snap-In Receptacles with Insulation Support (Standard, Intermediate and High Pressure)

Related Product Data:

Housings Used With—
pages 26-37

Performance Characteristics—
page 22

Application Tooling—page 98

Technical Documents—
page 100

Plating Specifications:

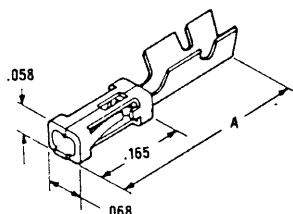
Duplex C—.000030 gold on contact area, .000100-.000200 tin-lead on crimp area, with entire contact underplated .000050 nickel

Duplex D—.000015 gold on contact area, .000100-.000200 tin-lead on crimp area, with entire contact underplated .000050 nickel

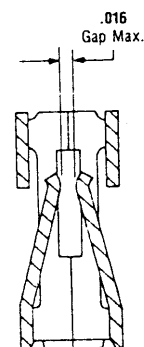
Sel. Gold/Nickel A—Gold flash over .000050 nickel on entire contact, with additional .000030 gold on contact area

Sel. Gold/Nickel B—Gold flash over .000050 nickel on entire contact, with additional .000015 gold on contact area

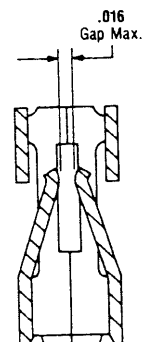
Br. Tin-Lead/Nickel B—.000100-.000200 bright tin over .000030 nickel on entire contact



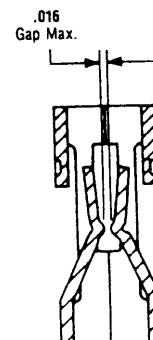
Standard Pressure



Intermediate Pressure



High Pressure



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Standard Pressure

Wire Size Range AWG	Ins. Dia. (Max.)	A Dim.	Material	Plating	Part Numbers		Quick-Change Applicator for AMP-O-LECTRIC Machine	Applicator for Stripper/Crimper Machine	Hand Tool
					Strip Form	Loose Form			
32-27	.040	.445	Cu-Sn-Ph Bz	Br. Tin-Lead/Nickel B	102316-5	1-102316-2	466655-2	466921-1	90417-1
			Cu-Sn-Ph Bz	Duplex D	102316-6	1-102316-3			
			Cu-Sn-Ph Bz	Duplex C	102316-8	1-102316-4			
			Be Cu	Sel. Gold/Nickel B	102917-5	102917-6			
			Be Cu	Sel. Gold/Nickel A	102917-1	102917-2			
26-22	.061	.445	Cu-Sn-Ph Bz	Br. Tin-Lead/Nickel B	87756-6	87756-7	466571-2	466918-1	90418-1
			Cu-Sn-Ph Bz	Duplex D	1-87756-2	1-87756-6			
			Cu-Sn-Ph Bz	Duplex C	1-87756-7	1-87756-8			
			Be Cu	Br. Tin-Lead/Nickel B	87666-3	87667-3			
			Be Cu	Sel. Gold/Nickel B	87666-5	87667-5			
24-20	.069	.470	Be Cu	Sel. Gold/Nickel A	87666-2	87667-2	466562-2	466905-1	90202-2
			Cu-Sn-Ph Bz	Br. Tin-Lead/Nickel B	87523-5	87523-6			
			Cu-Sn-Ph Bz	Duplex D	1-87523-5	1-87523-6			
			Cu-Sn-Ph Bz	Duplex C	1-87523-8	1-87523-9			
			Be Cu	Br. Tin-Lead/Nickel B	85969-9	86016-3			
			Be Cu	Sel. Gold/Nickel B	85969-6	86016-5	* 973-294		
			Be Cu	Sel. Gold/Nickel A	85969-8	86016-2			
							* 973-300		

Intermediate Pressure

Wire Size Range AWG	Ins. Dia. (Max.)	A Dim.	Material	Plating	Part Numbers		Quick-Change Applicator for AMP-O-LECTRIC Machine	Applicator for Stripper/Crimper Machine	Hand Tool
					Strip Form	Loose Form			
32-27	.040	.445	Cu-Sn-Ph Bz	Duplex C	102920-1	102920-2	466655-2	466921-1	90417-1
			Be Cu	Sel. Gold/Nickel B	102918-3	102918-4			
			Be Cu	Sel. Gold/Nickel A	102918-1	102918-2			
26-22	.061	.445	Cu-Sn-Ph Bz	Duplex D	103171-1	103171-2	466571-2	466918-1	90418-1
			Cu-Sn-Ph Bz	Duplex C	103171-4	103171-5			
			Be Cu	Sel. Gold/Nickel B	102548-1	102548-3			
			Be Cu	Sel. Gold/Nickel A	102548-5	102548-6			
24-20	.069	.470	Cu-Sn-Ph Bz	Duplex D	1-87195-7	1-87195-8	466562-2	466905-1	90202-2
			Cu-Sn-Ph Bz	Duplex C	2-87195-0	2-87195-1			
			Be Cu	Br. Tin-Lead/Nickel B	86492-9	87046-4			
			Be Cu	Sel. Gold/Nickel B	86492-2	87046-1			
			Be Cu	Sel. Gold/Nickel A	86492-6	87046-3			

High Pressure

Material: Phosphor Bronze

Wire Size Range AWG	Ins. Dia. (Max.)	A Dim.	Plating	Part Numbers		Quick-Change Applicator for AMP-O-LECTRIC Machine	Applicator for Stripper/Crimper Machine	Hand Tool
				Strip Form	Loose Form			
32-27	.040	.445	Br. Tin-Lead /Nickel B	103455-4	103455-5	466655-2	466921-1	90417-1
			Sel. Gold/Nickel A	103455-1	103455-2			
26-22	.061	.445	Br. Tin-Lead/Nickel B	87809-2	102128-2	466571-2	466918-1	90418-1
			Sel. Gold/Nickel A	87809-1	102128-1			
24-20	.069	.470	Br. Tin-Lead/Nickel B	87309-8	1-87309-3	466562-2	466905-1	90202-2
			Sel. Gold/Nickel A	87309-9	1-87309-4			

Note: Applicators for AMPOMATOR CLS II Machines are available, consult AMP Incorporated.