

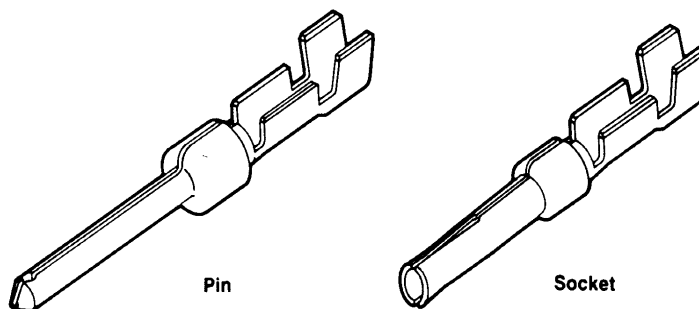
HDP-20 Connector Contacts, Precision Formed

Specifications subject to change.
For latest design specifications...
1-800-522-6752

Dimensioning:
Dimensions are in inches

Crimp Snap-In Contacts

With Insulation Support



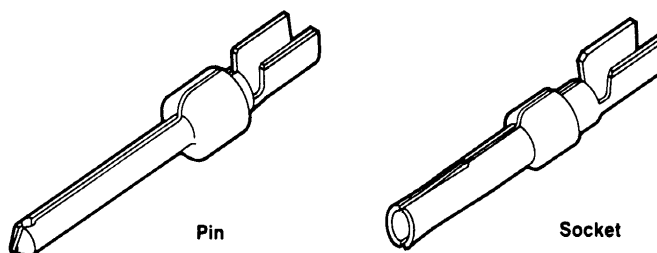
Wire Size Range AWG	Ins. Dia. Max.	Contact Finish (Plating Code)	Contact Part Numbers				Tooling		Color Code (Loose Form)
			Pin		Socket		Strip Form	Loose Form	
			Strip Form	Loose Form	Strip Form	Loose Form	Quick-Change Applicator	Hand Tool	
28-24	.040	A	66507-3	66507-9	66505-3	66505-9	466423-1* 466423-2* 466901-1**	90302-1	Blue Dot
		B	3-66507-0	5-66507-7	6-66505-0	6-66505-2			
		C	66507-4	1-66507-0	66505-4	1-66505-0			
		D	3-66507-1	5-66507-9	5-66505-7	5-66505-9			
	.060	A	66682-2	66682-4	66683-2	66683-4	466758-1* 466758-2* 466963-1**	90374-1	Black Dot
		B	66682-9	1-66682-1	1-66683-0	1-66683-2			
D		66682-6	66682-8	66683-7	66683-9				
26-22	.050	A	745254-2	745254-6	745253-2	745253-6	567036-1* 567036-2*	90406-1	Yellow Dot
		B	1-745254-4	1-745254-6	1-745253-4	1-745253-6			
		C	745254-3	745254-7	745253-3	745253-7			
		D	1-745254-1	1-745254-3	1-745253-1	1-745253-3			
24-20	.060	A	66506-3	66506-9	66504-3	66504-9	466422-1* 466422-2* 466900-1**	90302-1	Red Dot
		B	2-66506-4	5-66506-7	5-66504-9	6-66504-0			
		C	66506-4	1-66506-0	66504-4	1-66504-0			
		D	2-66506-5	5-66506-9	5-66504-6	5-66504-7			
		E	—	—	748321-2	748321-6			

*Quick-Change Applicator Part No. with -1 is for a "T" terminating unit used in automatic machines;
-2 is for "K" AMP-O-ELECTRIC bench machine, shown on page 2198.

** These applicators are for use in the AMP-O-MATIC Stripper/Crimper machine, shown on page 2199.

Note: Maintenance and Repair Tool for Wire Size 28-24 (Ins. Dia. Max. .040) and Wire Size 24-20 (Ins. Dia. Max. .060)—No. 90312-1 & PRO-CRIMPER Hand Tool Part Number 58448-2.

Without Insulation Support



Wire Size Range AWG	Ins. Dia. Max.	Contact Finish (Plating Code)	Contact Part Numbers				Tooling		Color Code (Loose Form)
			Pin		Socket		Strip Form	Loose Form	
			Strip Form	Loose Form	Strip Form	Loose Form	Quick-Change Applicator	Hand Tool	
28-24	.068	A	205310-2	205310-8	205311-3	205311-9	466506-1* 466506-2* 466903-1**	90265-1	Blue Dot
		B	2-205310-5	2-205310-7	2-205311-1	2-205311-3			
		C	205310-4	1-205310-0	205311-4	1-205311-0			
		D	2-205310-2	2-205310-4	1-205311-8	2-205311-0			
24-20	.068	A	205202-2	205202-4	205201-3	205201-5	466505-1* 466505-2* 466902-1**	90265-1	Red Dot
		B	2-205202-5	2-205202-7	2-205201-5	2-205201-7			
		C	205202-6	205202-7	205201-6	205201-7			
		D	2-205202-2	2-205202-4	2-205201-2	2-205201-4			
22-18	.068	A	745229-2	745229-4	745230-2	745230-4	567033-1* 567033-2*	90405-1	Green Dot
		B	1-745229-1	1-745229-3	1-745230-1	1-745230-3			
		C	745229-5	745229-7	745230-5	745230-7			
		D	745229-8	1-745229-0	745230-8	1-745230-0			

*Quick-Change Applicator Part No. with -1 is for a "T" terminating unit used in automatic machines;
-2 is for "K" AMP-O-ELECTRIC bench machine, shown on page 2198.

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Note: Wire insulation diameter is limited by the connector housing cavity and clearance for the insertion/extraction tool.

Contact Size 20 DF
Pin Diameter .040

Material and Finish:

Pin—Brass

Socket—Phosphor bronze

Plated:

A—Select—Gold flash over nickel on entire contact, with additional .000030 gold on mating end, tin-lead on termination end, with entire contact nickel underplated
C—Gold flash over nickel on entire contact

D—Duplex—Gold flash on mating end, tin-lead on termination end, with entire contact nickel underplated

E—Duplex—Gold flash on mating end, tin-lead on termination end, with entire contact nickel underplated (Short Point of Contact (S.P.O.C.))

Related Product Data:

Connectors used with:

HDP—pages 2192-2194

Application Tooling—pages 2198 & 2199

Technical Documents—
pages 2258 & 2259

Insertion/Extraction Tool No. 91285-1

This tool includes interchangeable tips to Insert/Extract:

Size 22, 28-22 AWG Crimp Contacts

Size 20, 28-20 AWG Crimp and Solder Cup Contacts

Size 20, Posted Contacts