

CONTACT FINISH:

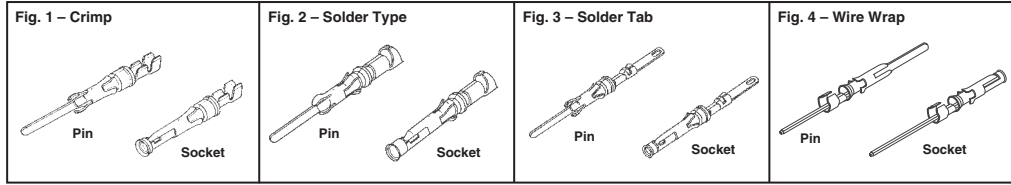
- A Selective gold with 30µg gold on electrical engagement area over 50µ nickel on entire contact
- B Duplex-plated 30µ gold in mating area over 50µ nickel on contact body; bright tin-lead on solder tab
- C 15µ gold in the mating area over 50µ nickel
- D Selective gold, 30µ gold over 30µ nickel

- E .000100" (0.00254mm) silver-plated contacts with lubricant added
- F Bright tin-lead on entire contact
- G Selective gold with 30µ gold on electrical engagement area with 10µ on the remainder over 50µ nickel
- H Bright tin on entire contact
- J Duplex-plated 30µ gold in mating area over 50µ nickel on contact body; bright tin on solder tab

A

Series 1 Signal, Type III+, Precision Formed

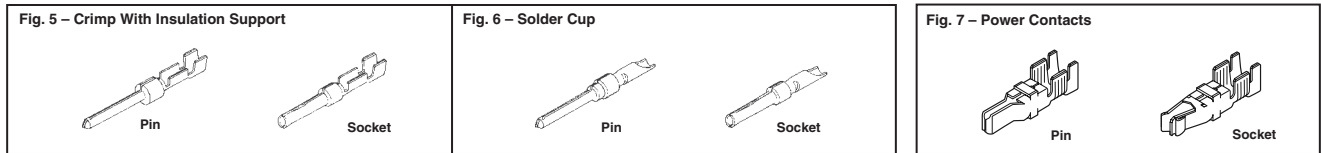
Pin Diameter: .062" (1.57mm) Test Current: 13A Materials: Crimp Contacts: Brass; Solder Contacts and Grounding Pin: Copper alloy, plated tin or gold; Spring: Stainless steel



Tail Length Inches (mm)	AMP Pin Part No.	AMP Socket Part No.
.622 (15.80)	6-66460-5	5-66461-4
.831 (21.11)	6-66460-7	5-66461-8
1.020 (25.91)	6-66460-6	5-66461-9
.622 (15.80)	6-66460-2	5-66461-5
.831 (21.11)	6-66460-3	6-66461-2
1.020 (25.91)	6-66460-4	6-66461-3

Series 2 Pin Diameter: .040" (1.02mm) Test Current: 7.5A Materials: Pin Body: Brass; Socket: Phosphor bronze

Series 3



Desc.	Wire Size AWG	Insulation Diameter Inch	Contact Finish	Digi-Key Part No.	Loose Piece Pricing		AMP Part No.	Digi-Key Part No.	Cut Strip Pricing		Digi-Key Part No.	Strip Tape and Reel		AMP Part No.	AMP Tooling Part No.
					10	100			100	500		Qty.	Pricing		
Fig. 1, Series 1															
Pin	30 - 26	.040 - .060	H	—	—	—	—	A31999CT-ND	41.14	188.53	A31999TR-ND	4,000	205.67/M	1-66425-2	91515-1
Socket	30 - 26	.040 - .060	F	—	—	—	—	A33760CT-ND	45.49	208.53	A33760TR-ND	4,000	227.49/M	1-66424-1	91515-1
Pin	30 - 26	.040 - .060	C	—	—	—	—	A25088CT-ND	50.75	232.58	A25088TR-ND	4,000	253.73/M	66425-7	91515-1
Socket	30 - 26	.040 - .060	C	A25089-ND	16.34	114.10	66428-3	A25089CT-ND	77.42	354.84	A25089TR-ND	4,000	387.10/M	66424-7	91515-1
Pin	30 - 26	.040 - .060	A	A25092-ND	12.96	90.52	66429-4	A25092CT-ND	86.74	397.55	A25092TR-ND	4,000	433.70/M	66425-8	91515-1
Socket	30 - 26	.040 - .060	A	A25093-ND	20.36	142.20	66428-4	A25093CT-ND	56.92	260.88	A25093TR-ND	4,000	284.59/M	66424-8	91515-1
Pin	30 - 26	.014 - .030	A	A25097-ND	12.38	86.49	66406-4	A25097CT-ND	63.25	289.89	A25097TR-ND	4,000	316.24/M	66393-8	—
Socket	30 - 26	.014 - .030	A	A25098-ND	15.30	106.83	66405-4	A25098CT-ND	79.91	366.26	A25098TR-ND	4,000	399.56/M	66394-8	—
Pin	26 - 24	.035 - .055	H	A31991-ND	3.52	24.62	1-66107-1	A31991CT-ND	29.96	137.32	A31991TR-ND	4,000	149.81/M	1-66106-5	58495-1
Socket	26 - 24	.035 - .055	H	A31992-ND	6.37	44.49	1-66109-7	A31992CT-ND	39.06	179.05	A31992TR-ND	4,000	195.33/M	1-66108-5	58495-1
Pin	26 - 24	.035 - .055	C	A25103-ND	5.33	37.20	66107-3	A25103CT-ND	57.07	261.58	A25103TR-ND	4,000	285.36/M	66106-7	58495-1
Socket	26 - 24	.035 - .055	C	A25104-ND	8.69	60.70	66109-3	A25104CT-ND	50.12	229.71	A25104TR-ND	4,000	250.60/M	66108-7	58495-1
Pin	26 - 24	.035 - .055	A	A1344-ND	5.61	39.16	66107-4	A1344CT-ND	41.18	188.73	A1344TR-ND	4,000	205.89/M	66106-8	58495-1
Pin	26 - 24	.035 - .055	H	A99530-ND	13.88	96.92	163090-1	—	—	—	—	—	—	58495-1	
Pin	26 - 24	.035 - .055	A	A99531-ND	18.33	128.03	163090-2	—	—	—	—	—	—	58495-1	
Socket	26 - 24	.035 - .055	A	A99533-ND	22.10	154.39	163092-2	—	—	—	—	—	—	58495-1	
Pin	24 - 20	.040 - .080	G	A29109-ND	8.58	59.95	66103-1	A29109CT-ND	97.88	448.61	A29109TR-ND	4,000	489.40/M	66102-6	58495-1
Pin	24 - 20	.040 - .080	H	A31989-ND	3.49	24.38	1-66103-8	A31989CT-ND	27.84	127.58	A31989TR-ND	4,000	139.17/M	2-66102-5	58495-1
Socket	24 - 20	.040 - .080	H	A31990-ND	4.13	28.88	1-66105-9	A31990CT-ND	37.57	172.16	A31990TR-ND	4,000	187.81/M	3-66104-0	58495-1
Pin	24 - 20	.040 - .080	C	A25107-ND	5.33	37.24	66103-3	A25107CT-ND	39.78	182.35	A25107TR-ND	4,000	198.93/M	66102-8	58495-1
Socket	24 - 20	.040 - .080	C	A25108-ND	6.37	44.50	66105-3	A25108CT-ND	51.69	236.90	A25108TR-ND	4,000	258.44/M	66104-8	58495-1
Pin	24 - 20	.040 - .080	A	A1342-ND	5.89	41.16	66103-4	A1342CT-ND	45.57	208.88	A1342TR-ND	4,000	227.87/M	66102-9	58495-1
Socket	24 - 20	.040 - .080	A	A1343-ND	7.04	49.16	66105-4	A1343CT-ND	54.97	251.94	A1343TR-ND	4,000	274.85/M	66104-9	58495-1
Pin	24 - 20	.045 - .070	H	A99527-ND	7.66	53.47	163086-1	—	—	—	—	—	—	58495-1	
Pin	24 - 20	.045 - .070	A	A99528-ND	15.64	109.25	163086-2	—	—	—	—	—	—	58495-1	
Socket	24 - 20	.045 - .070	H	A99529-ND	8.15	56.95	163088-1	—	—	—	—	—	—	58495-1	
Pin	24 - 20	.060 - .120	H	A32008-ND	3.24	22.61	66566-7	A32008CT-ND	30.85	141.37	A32008TR-ND	4,000	154.23/M	1-66564-2	91542-1
Socket	24 - 20	.060 - .120	F	A25007-ND	8.02	56.00	66565-2	—	—	—	—	—	—	91542-1	
Socket	24 - 20	.060 - .120	H	—	—	—	A32007CT-ND	39.07	179.07	A32007TR-ND	4,000	195.35/M	1-66563-1	91542-1	
Pin	24 - 20	.060 - .120	A	A25115-ND	5.77	40.32	66566-4	A25115CT-ND	45.12	206.79	A25115TR-ND	4,000	225.59/M	66564-8	91542-1
Socket	24 - 20	.060 - .120	D	A25008-ND	6.54	45.70	66565-4	A25008CT-ND	60.99	279.51	A25008TR-ND	4,000	304.93/M	66563-8	91542-1
Pin	24 - 20	.080 - .100	H	A31996-ND	3.49	24.38	1-66400-0	A31996CT-ND	30.85	141.41	A31996TR-ND	4,000	154.26/M	1-66332-4	91523-1
Socket	24 - 20	.080 - .100	H	A31995-ND	4.13	28.88	1-66399-0	A31995CT-ND	38.01	174.18	A31995TR-ND	4,000	190.02/M	1-66331-4	91523-1
Pin	24 - 20	.080 - .100	G	A29110-ND	12.32	86.01	66400-2	—	—	—	—	—	—	91523-1	
Pin	24 - 20	.080 - .100	C	A25121-ND	5.33	37.27	66400-3	A25121CT-ND	44.48	203.87	A25121TR-ND	4,000	222.41/M	66332-7	91523-1
Socket	24 - 20	.080 - .100	C	A25122-ND	6.37	44.50	66399-3	A25122CT-ND	52.70	241.55	A25122TR-ND	4,000	263.51/M	66331-7	91523-1
Pin	24 - 20	.080 - .100	A	A1648-ND	5.61	39.23	66400-4	A1648CT-ND	47.23	216.49	A1648TR-ND	4,000	236.17/M	66332-8	91523-1
Socket	24 - 20	.080 - .100	A	A1661-ND	6.70	46.84	66399-4	A1661CT-ND	55.29	253.40	A1661TR-ND	4,000	276.44/M	66331-8	91523-1
Pin	18 - 16	.080 - .100	H	A31987-ND	3.49	24.38	1-66099-5	A31987CT-ND	29.95	137.25	A31987TR-ND	4,000	149.73/M	1-66098-8	58495-1
Socket	18 - 16	.080 - .100	H	A31988-ND	4.13	28.88	1-66101-9	A31988CT-ND	30.31	138.91	A31988TR-ND	4,000	151.55/M	1-66100-9	58495-1
Pin	18 - 16	.080 - .100	C	A25123-ND	6.04	42.15	66099-3	A25123CT-ND	42.72	195.81	A25123TR-ND	4,000	213.61/M	66098-8	58495-1
Socket	18 - 16	.080 - .100	C	A25124-ND	6.37	44.54	66101-3	A25124CT-ND	58.10	266.27	A25124TR-ND	4,000	290.48/M	66100-8	58495-1
Pin	18 - 16	.080 - .100	A	A1340-ND	5.88	41.07	66099-4	A1340CT-ND	44.71	204.92	A1340TR-ND	4,000	223.56/M	66098-9	58495-1
Socket	18 - 16	.080 - .100	A	A16080-ND	7.04	49.19	66101-4	A16080CT-ND	49.78	228.16	A16080TR-ND	4,000	248.90/M	66100-9	58495-1
Pin	18 - 16	.080 - .100	H	A99523-ND	6.79	47.42	163082-1	—	—	—	—	—	—	58495-1	
Pin	18 - 16	.080 - .100	A	A99524-ND	13.88	96.92	163082-2	—	—	—	—	—	—	58495-1	

• RoHS Compliant # Recommended for high current/vibration applications where corrosion is a problem. § Ground contacts † 1 Wirewrap ‡ 2 Wirewrap ★ 3 Wirewrap

(Continued)