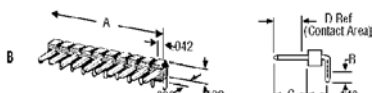


Headers and Shunts

Breakaway Headers — Unshrouded Single Row, .100" Centers



UL Recognized, CSA Certified. **Housing:** Black thermoplastic. **Posts:** Copper Alloy.

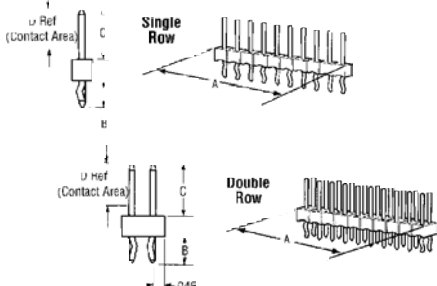
+100-499

Stock No.	Mfr.'s Type	No. of Pos.	Dimensions				Plating Code*	EACH	
			A	B	C	D		1-99	100†
512-1700	13185-1	1	.084	.120	.230	.185	2	.08	.07
512-1726	13239-2	2	.184	.120	.230	.185	1	.14	.12
512-1728	13185-2	2	.184	.120	.230	.185	2	.14	.12
512-1730	13185-3	2	.184	.125	.218	.200	2	.17	.15
512-1736	13321-2	2	.184	.125	.318	.200	3	.12	.10
512-1738	13239-3	3	.284	.120	.230	.185	1	.18	.16
512-1740	13185-3	3	.284	.120	.230	.185	2	.16	.14
512-1742	13327-3	3	.284	.120	.230	.185	3	.21	.19
512-1764	12976-3	3	.284	.125	.318	.200	1	.22	.20
512-1766	13185-4	4	.384	.125	.318	.200	2	.21	.19
512-1748	13321-3	3	.284	.125	.318	.200	3	.21	.19
512-1708	13185-4	4	.384	.120	.230	.185	3	.29	.26
512-1713	13185-5	5	.484	.120	.230	.185	2	.30	.27
512-1764	4-10323-0	40	.384	.120	.230	.185	2	.93	.74
512-1766	4-10318-0	40	.384	.120	.230	.185	2	.90	.72
512-1771	4-10327-0	40	.384	.120	.230	.185	2	.77	.69
512-1768	4-10297-0	40	.384	.125	.318	.200	2	.82	.74
512-1770	4-10297-0	40	.384	.125	.318	.200	2	.80	.72
512-1772	4-10321-0	40	.384	.125	.318	.200	3	.77	.69

512-1777	4-103148-0	40	3.984	120	230	185	1	.91	.82
512-1716	4-103325-0	40	3.984	120	130	185	2	.87	.78
512-1773	4-103329-0	40	3.984	120	230	185	3	.82	.74
512-1775	4-102978-0	40	3.984	110	318	200	1	.91	.83
512-1776	4-102974-0	40	3.984	110	318	200	2	.87	.78
512-1778	4-103323-0	40	3.984	110	318	200	3	.82	.74

***Contact Plating:** 1=Duplex C—.000030 gold on contact area, .000100-.000200 tin-lead on solder area, with entire post underplated .000050 nickel; 2=Duplex D—.000015 gold on contact area, .000100—.000200 tin-lead on solder area, with entire post underplated .000050 nickel; 3=Tin-Lead/Nickel—.000100-.000200 tin-lead over .000050 nickel on entire post.

Retention Headers— Unshrouded Single and Double Row .100" × .100" Centers



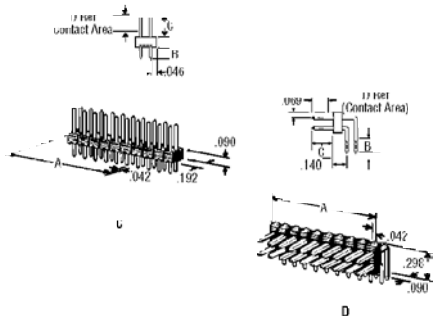
†100-499

Stock No.	Mfr.'s Type	No. of Pos.	Dimensions				Plating Code*	EACH	
			A	B	C	D		1-99	100†
512-1755	104344-1	3	.284	.120	.230	.185	1	.23	.21
512-1757	104346-1	3	.284	.120	.230	.185	3	.21	.19
512-1761	104345-2	4	.384	.120	.230	.185	2	.25	.22

512-1762	104350-1	2	.084	.120	.230	.185	1	.17	.16
----------	----------	---	------	------	------	------	---	-----	-----

***Contact Plating:** 1=Duplex C—.000030 gold on contact area, .000100-.000200 tin-lead on solder area, with entire post underplated .000050 nickel; 2=Duplex D—.000015 gold on contact area .000100—.000200 tin-lead on solder area, with entire post underplated .000050 nickel; 3=Tin-Lead/Nickel—.000100-.000200 tin-lead over .000050 nickel on entire post.

Breakaway Headers – Unshrouded Double Row, .100" × .100" Centers

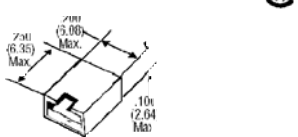


†100-499

Stock No.	Mfr.'s Type	No. of Pos.	Dimensions				Plating Code*	EACH	
			A	B	C	D		1-99	100+
512-1717	33328-1	2	.084	120	230	.185	3	.07	.06
512-1719	02977-1	2	.084	125	318	200	1	.16	.13
512-1720	33328-2	4	.184	120	230	.185	1	.26	.25
512-1782	33322-2	4	.184	125	318	200	3	.18	.17
512-1724	33240-3	6	.284	120	230	.185	1	.35	.32
512-1725	33186-3	6	.284	120	230	.185	2	.33	.30
512-1727	33328-3	6	.284	120	230	.185	3	.32	.28
512-1732	33322-3	6	.284	125	318	200	3	.32	.28
512-1790	33240-4	8	.384	120	230	.185	4	.43	.43
512-1738	33328-4	8	.384	125	318	200	3	.47	.38
512-1735	33240-5	10	.484	120	230	.185	1	.59	.53
512-1787	33186-5	10	.484	120	230	.185	2	.55	.49
512-1800	33328-5	10	.484	120	230	.185	3	.53	.47
512-1802	02977-5	10	.484	125	318	200	1	.59	.54
512-1739	02973-5	10	.484	125	318	200	2	.55	.49
512-1740	33328-5	12	.484	125	318	200	1	.60	.57
512-1743	33328-6	12	.584	120	230	.185	3	.63	.57
512-1744	33240-7	14	.684	120	230	.185	1	.73	.75
512-1745	33186-7	14	.684	120	230	.185	2	.87	.79
512-1746	33328-7	14	.684	120	230	.185	3	.74	.66
512-1747	33240-8	16	.784	120	230	.185	1	.95	.85
512-1749	33186-8	16	.784	120	230	.185	2	.88	.79
512-1816	33328-8	16	.784	120	230	.185	3	.84	.76
512-1751	33240-9	18	.884	120	230	.185	1	1.06	.96
512-1752	1-103240-0	20	.784	120	230	.185	1	1.18	1.06
512-1822	1-103186-0	20	.984	120	230	.185	2	1.10	.99
512-1753	1-103328-0	20	.984	120	230	.185	3	1.05	.95
512-1826	1-102973-0	20	.984	125	318	200	1	1.00	.93
512-1830	1-103328-1	20	.984	125	318	200	2	1.14	1.29
512-1838	2-103186-0	40	.984	120	230	.185	2	2.19	1.97
512-1840	2-102977-0	40	.984	125	318	200	1	2.37	1.93
512-1848	2-102973-5	50	2.484	125	318	200	2	2.74	2.48
512-1853	4-103240-0	80	.384	120	230	.185	1	1.43	1.30
512-1854	4-103186-0	80	.384	120	230	.185	1	1.47	1.34
512-1850	4-103186-1	80	.384	120	230	.185	2	1.47	1.27
512-1858	4-102977-0	80	.384	125	318	200	1	1.43	1.30
512-1859	4-102973-0	80	.384	125	318	200	2	1.47	1.33
512-1860	4-103322-0	80	.384	125	318	200	3	1.41	1.27

512-1882	4-103149-0	80	3.984	120	230	185	1	2.08	1.87
512-1881	4-103326-0	80	3.984	120	230	185	2	1.98	1.78
512-1883	4-103330-0	80	3.984	120	230	185	3	1.88	1.70
512-1884	4-102979-0	80	3.984	110	318	200	1	2.08	1.87
512-1885	4-103324-0	80	3.984	110	318	200	3	1.88	1.70

***Contact Plating:** 1=Duplex C—.000030 gold on contact area, .000100-.000200 tin-lead on solder area, with entire post underplated .000050 nickel; 2=Duplex D—.000015 gold on contact area .000100—.000200 tin-lead on solder area, with entire post underplated .000050 nickel; 3=Tin-Lead/Nickel—.000100-.000200 tin-lead over .000050 nickel on entire post.

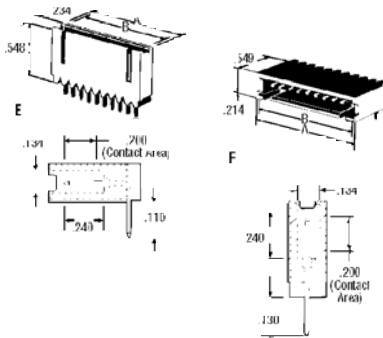


- ▶ One-Piece Contact Construction
- ▶ High Normal Forces
- ▶ 94V-0 Rated Housings
- ▶ Underwriters Laboratories Inc., File No. E28476; A CSA Certified File No. LR 16455

Two-position, low profile shunts.

Stock No.	Mfr.'s Type	Switch Type With Slot	Contact Plating	PER SET/10	
				1-99	100-499
512-7074	531230-3	.200 Centerline	30 μ " Gold	5.09	4.58
512-7075	531230-1	.200 Centerline	Tin	3.74	3.36

Standard Profile Headers Single Row Headers — Shrouded .100" Centers



†100-499

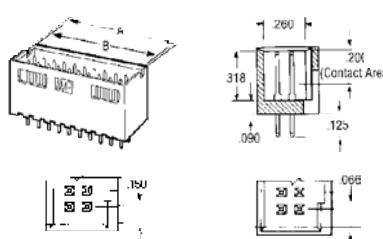
Stock No.	Mfr.'s Type	No. of Pos.	Dimensions		Plating Code ^a	EACH	
			A	B		1-99	100+
512-1767	3-102202-4	3	.420	.340	2	.81	.73
512-2601	102202-1	4	.520	.440	2	.84	.76
512-2602	102202-2	5	.620	.540	2	1.02	.92
512-2603	102202-3	6	.720	.640	2	1.07	.98
512-2604	102202-4	7	.820	.740	2	1.14	.95
512-2605	102202-5	8	.920	.840	2	1.18	1.06
512-2606	102202-7	10	1.120	1.040	2	1.29	1.15
512-2607	102202-9	12	1.320	1.240	2	2.38	2.14
512-2608	1-102202-1	14	1.520	1.440	2	1.57	1.45

Fig. F

512-1769	3-102203-4	3	.420	.340	2	.84	.76
512-2614	102203-1	4	.520	.440	2	.93	.84
512-2616	102203-3	6	.720	.640	2	1.07	.96

Contact Plating: 1=Duplex C-.000030 gold on contact area, .000100-.000200 tin-lead on solder area, with entire post underplated .000050 nickel; 2=Duplex D-.000015 gold on contact area .000100-.000200 tin-lead on solder area, with entire post underplated .000050 nickel; 3=Tin-Lead/Nickel-.000100-.000200 tin-lead over .000050 nickel on entire post.

Standard Profile Headers — Shrouded Straight, Double Row, .100" × .100 Centers



†100-499

Stock No.	Mfr.'s Type	No. of Pos.	Dimensions		Plating Code ^a	EACH	
			A	B		1-99	100+
512-2802	102618-1	6	.412	.332	2	.68	.62
512-2804	103168-2	8	.512	.432	1	1.69	1.53
512-2806	102618-2	8	.512	.432	2	.88	.80
512-2808	103168-3	10	.612	.532	1	1.25	1.12
512-2810	102618-3	10	.612	.532	2	2.42	2.83
512-2812	102618-4	12	.712	.632	1	1.88	1.72
512-2814	102618-4	12	.712	.632	2	1.08	.97
512-2816	103168-5	14	.812	.732	1	1.63	1.47
512-2818	102618-5	14	.812	.732	2	1.29	1.16
512-2820	103168-6	16	.912	.832	1	1.86	1.67
512-2822	102618-6	16	.912	.832	2	2.36	2.13

512-2824	103169-3	10	.780	.700	1	1.25	1.12
512-2826	102619-3	10	.780	.700	2	1.68	1.51
512-2828	103169-6	16	1.080	1.000	1	1.92	1.73
512-2830	102619-6	16	1.080	1.000	2	2.36	2.12
512-2832	103169-8	20	1.280	1.200	1	2.28	2.06
512-2834	102619-8	20	1.280	1.200	2	1.75	1.60

* **Contact Plating:** 1=Duplex C-.000030 gold on contact area, .000100-.000200 tin-lead on solder area, with entire post underplated .000050 nickel; 2=Duplex D-.000015 gold on contact area, .000100-.000200 tin-lead on solder area, with entire post underplated .000050 nickel; 3=Tin-Lead/Nickel-.000100-.000200 tin-lead over .000050 nickel on entire post.