

Universal Serial Bus
Receptacles

Series A, 4-Position,
Right Angle Receptacle —
Thru Hole

Solder Tail Length: 0.090" (2.29 mm).

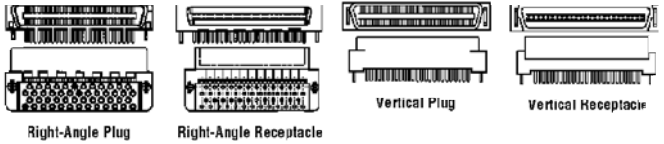
512-0044, 787616-1, 1-99.....	EACH	.65
100-499.....	EACH	.54
500-999.....	EACH	.50

Series B, 4-Position,
Right Angle Receptacle —
Thru Hole

512-0052, 787780-1, 1-99.....	EACH	.74
100-499.....	EACH	.67
500-999.....	EACH	.61

CHAMP 0.050" Series I Connectors

Board-to-Board Applications



Housing and Tin Plate: LCP, 94V-0 rated, black. **Contacts:** Phosphor bronze, plated 0.00003" min. gold in contact area, tin-lead in solder tail area. **Boardlocks:** Brass, plated tin-lead.

Stock No.	Mfr.'s Type	No. of Pos.	Description	EACH		
				1-99	100-499	500-999
512-2413	557101-5	40	Receptacle	3.10	2.82	2.58
512-2399	557100-9	50	Plug	10.04	9.04	7.53
512-2419	557101-9	50	Receptacle	5.76	5.18	4.32
512-2421	1-557101-7	68	Receptacle	10.31	9.28	7.74
512-0131	2-557100-1	80*	Plug	6.14	5.53	4.61
512-0133	2-557101-1	80	Receptacle	6.60	5.94	4.95
512-2411	2-557100-9	120	Plug	18.16	16.34	13.62
512-2412	4-557100-9	140	Plug	21.17	19.05	15.88
512-2427	4-557101-9	140	Receptacle	10.72	9.65	8.04

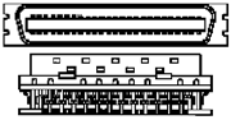
Vertical with End Blocks and Keying Posts

512-2429	557102-5	40	Plug	4.49	4.04	3.37
512-2435	557103-9	50	Receptacle	9.86	8.87	7.40
512-0141	2-557103-5	100	Receptacle	6.27	7.45	6.21
512-2433	3-557102-7	160	Plug	22.01	19.81	16.51
512-2423	3-557103-7	160	Receptacle	22.01	19.81	16.51

*VAFc standard.

CHAMP 0.050 Series II Connectors

Wire-to-Board Application Cable Plug Connectors
36-Position



Housing and Covers: Glass-filled PBT, 94V-0 rated, black. **Contacts:** Phosphor bronze, plated 0.00003" min. gold in contact area, tin-lead in solder tail area.

512-0143, 2-175677-5, 1-99.....	EACH	7.41
100-499.....	EACH	6.73
500-999.....	EACH	6.17

Wire-to-Board Application Plug Enclosure Kit 36-Position

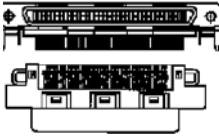


Enclosure: PBT, 94V-0 rated, beige white. **Shield:** Steel, plated nickel over copper. **Locking Spring:** Stainless steel, overmolded with PBT, 94V-0 rated, beige white.

512-0144, 176793-5, 1-99.....	EACH	5.21
100-499.....	EACH	4.69
500-999.....	EACH	3.91

CHAMP 0.8 mm Series Connectors

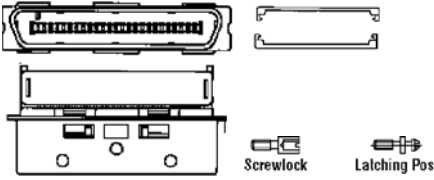
68-Position, Receptacle Assembly, Shielded Right-Angle with Thru-Hole and Hybrid Leads



Inserts: UL 94V-0 rated thermoplastic, natural. SMT compatible. **Shell:** Steel, plated 0.005" min. bright tin over 0.0025" min. copper. **Contacts:** Phosphor bronze, duplex plated 0.000076" min. gold over 0.00076" min. palladium nickel on mating end, 0.00375" min. bright tin-lead on solder end, all over 0.00127" nickel underplating.

512-0112, 787254-1, Thru-hole, high profile, 1-99.....	EACH	8.11
100-499.....	EACH	7.30
500-999.....	EACH	6.09

68-Position, Plug Kit, Unassembled, Shielded Cable Connector



Housing: LCP, UL 94V-0 rated, natural. **Termination Covers:** LCP, UL 94V-0 rated, black. **Shell:** Carbon steel, plated 0.00508" min. tin-lead over 0.00127" min. copper. **Contacts:** Phosphor bronze, DURAGOLD plated 0.000076" min. gold on mating end, 0.00127" min. tin-lead on solder end, all over 0.00127" nickel underplating 30 AWG solid or stranded wire.

512-0113, 787131-3, 1-99.....	EACH	9.61
100-499.....	EACH	8.65
500-999.....	EACH	7.21

512-2447, 787004-3, Screwlock, 1-99.....	EACH	.99
100-499.....	EACH	.89
500-999.....	EACH	.74

512-2449, 787003-3, Latching post, boardmount, 1-99.....	EACH	1.54
100-499.....	EACH	1.39
500-999.....	EACH	1.16

Printed Circuit Board and Surface Mount Modular Jacks



Housing: Polyester, UL 94 V-0 rated, black (except for offset latch). **Contact:** .014 thick phosphor bronze. **Plated:** .000050 gold in contact area and .000150 tin-lead on solder tails. Meet or exceed FCC part 68 rules and regulations; REA PE-76 and UL1863, Communications Circuit accessories. UL listed, CSA Certified.

Low Profile (.495 Height), Thru-Hole, Side Entry — Fig. 1

Stock No.	Mfr.'s Type	No. of Cont.	Panel Stops	EACH		
				1-99	100-499	500-999
512-5750	555163-1	6	Yes	.64	.58	.48
512-5735	555163-2	6 (4-Loaded)	Yes	.64	.57	.48
512-5752	555165-1	6	No	.51	.46	.39
512-8599	555165-2	6 (4-Loaded)	No	.50	.45	.38
512-5754	555162-1	8	Yes	.68	.61	.51
512-5756	555164-1	8	No	.56	.50	.42
512-5758	555166-1	8-Keyed	Yes	.56	.50	.42
512-5760	555167-1	8-Keyed	No	.56	.50	.42

Standard Height, Side Entry without Flange — Fig. 2

512-5768	520249-2	4-Handset	Yes	.57	.51	.43
512-8707	520250-2	6 (4-Loaded)	Yes	.47	.42	.35
512-5770	520250-3	6	Yes	.49	.44	.36
512-5796	555980-1	4	No	.60	.54	.45
512-5797	555979-1	6 (4-Loaded)	No	.47	.42	.35
512-5772	520470-3	6	No	.65	.58	.49
512-5774	520251-4	8	Yes	.50	.45	.38
512-5776	520426-4	8	No	.68	.62	.51

Top Entry with Center Latch — Fig. 3

512-5780	520257-2	4-Handset	Yes	.44	.40	.33
512-5799	520258-2	6 (4-Loaded)	Yes	.47	.42	.35
512-5782	520258-3	6	Yes	.49	.44	.36
512-5786	520259-4	8	Yes	.50	.45	.38
512-5790	520260-4	8-Keyed	Yes	.64	.58	.48
512-5801	520425-2	6 (4-Loaded)	No	.64	.58	.48
512-5784	520425-3	6	No	.49	.44	.36
512-5788	556416-1	8	No	.50	.45	.38
512-5802	555799-1	8-Keyed	No	.87	.79	.66
512-5803	557969-1	8-Shielded	Yes	.98	.88	.73

Low Profile, Side Entry, Shielded with PCB Ground — Fig. 4

512-5755	555154-1	6	Yes	.75	.68	.56
512-5763	555153-1	8	Yes	.81	.72	.60