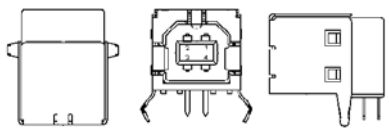
Universal Serial Bus Receptacles

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**

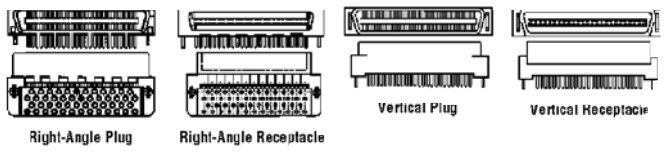
Series B, 4-Position, Right Angle Receptacle — Thru Hole



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-O rated, black. **Contacts:** Phosphor bronze, plated 0.00003" min. gold in contact area, tin-lead in solder tail area. **Boardlocks:** Brass, plated tin-lead.

Right-Angle

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**

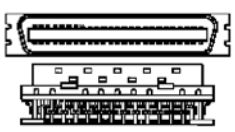
Vertical with End Blocks and Keying Posts

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	**8.27**	**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

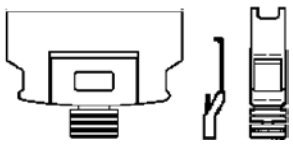
Wire-to-Board Application Cable Plug Connectors 36-Position



Housing and Covers: Glass-filled PBT, 94V-O 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

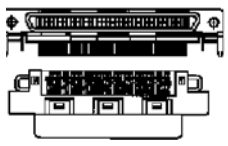


Enclosure: PBT, 94V-O rated, beige white. **Shield:** Steel, plated nickel over copper. **Locking Spring:** Stainless steel, overmolded with PBT, 94V-O rated, beige white.

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

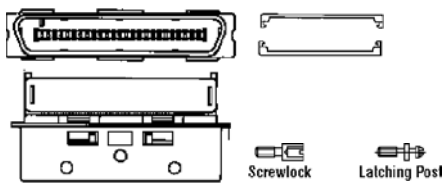
68-Position, Receptacle Assembly, Shielded Right-Angle with Thru-Hole and Hybrid Leads



Inserts: UL 94V-O 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-O rated, natural. **Termination Covers:** LCP, UL 94V-O 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**