

**CHAMP .050 Series II Connectors, Wire-to-Board Applications** (Continued)

**Plug Cable Connectors**

**Materials and Finish**

**Housing, Covers** — Glass-filled PBT, rated 94V-0, black

**Contacts** — Phosphor bronze, selectively plated with minimum of .000030 [0.00076] gold in mating area and tin-lead in termination area

**Performance Specifications** — Page 59

**Wire Accommodation** —

28 AWG [0.08mm<sup>2</sup>] 7 Strand with .020-.028 [0.51-0.71]\* insulation diameter. Most UL Type 2789 wires meet these dimensional requirements  
\*Depending on type of insulation and applicator tooling.

**Mating Receptacle Connectors** —

Right Angle — Page 62  
Vertical — Page 63

**Technical Documents**

**Product Specification**

108-5288

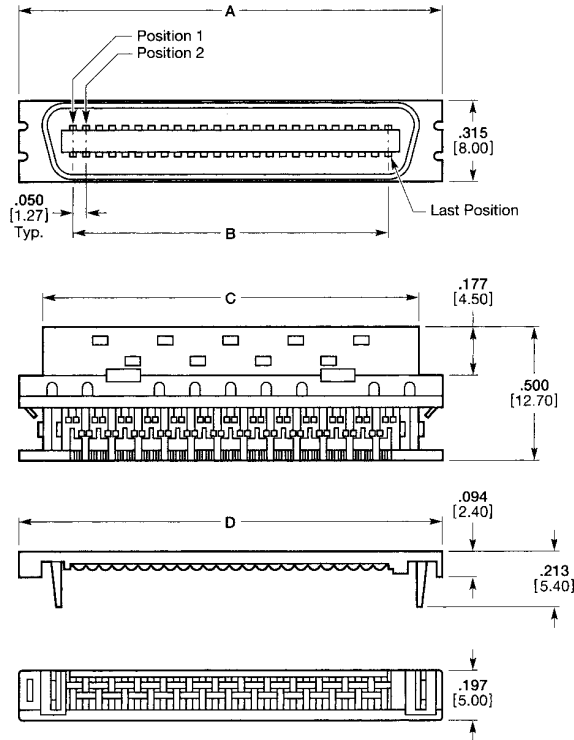
**Application Specification**

114-5166 — integral clamp  
114-5124 — wire terminations

**Recommended Cable**

**Montrose/CDT** —

Part Number CBL-7334  
Phone: 1-800-346-6626



Pos.	Dimensions				Part Number 28 AWG [0.08mm <sup>2</sup> ]
	A	B	C	D	
14	.724 18.40	.300 7.62	.539 13.70	.720 18.30	2-175677-1
20	.874 22.20	.450 11.43	.693 17.60	.870 22.10	2-175677-2
26	1.024 26.00	.600 15.24	.843 21.40	1.020 25.90	2-175677-4
36	1.276 32.40	.850 21.59	1.091 27.70	1.272 32.30	2-175677-5
50	1.626 41.30	1.200 30.48	1.441 36.60	1.622 41.20	2-175677-7
68	2.075 52.70	1.650 41.91	1.890 48.00	2.071 52.60	2-175677-8
80	2.374 60.30	2.450 62.23	2.693 68.40	2.870 72.90	3-175677-0
100	2.874 73.00	1.950 49.53	2.193 55.70	2.370 60.20	2-175677-9