

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 [0.08mm²] 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

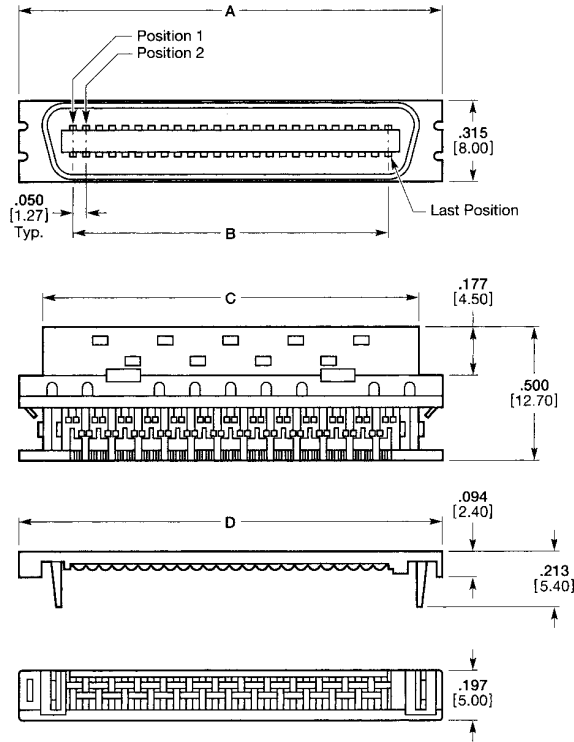
Application Specification

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 ²]
	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