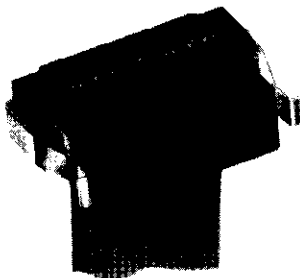


AMP

AMPMODU System 50 Connectors (Continued)

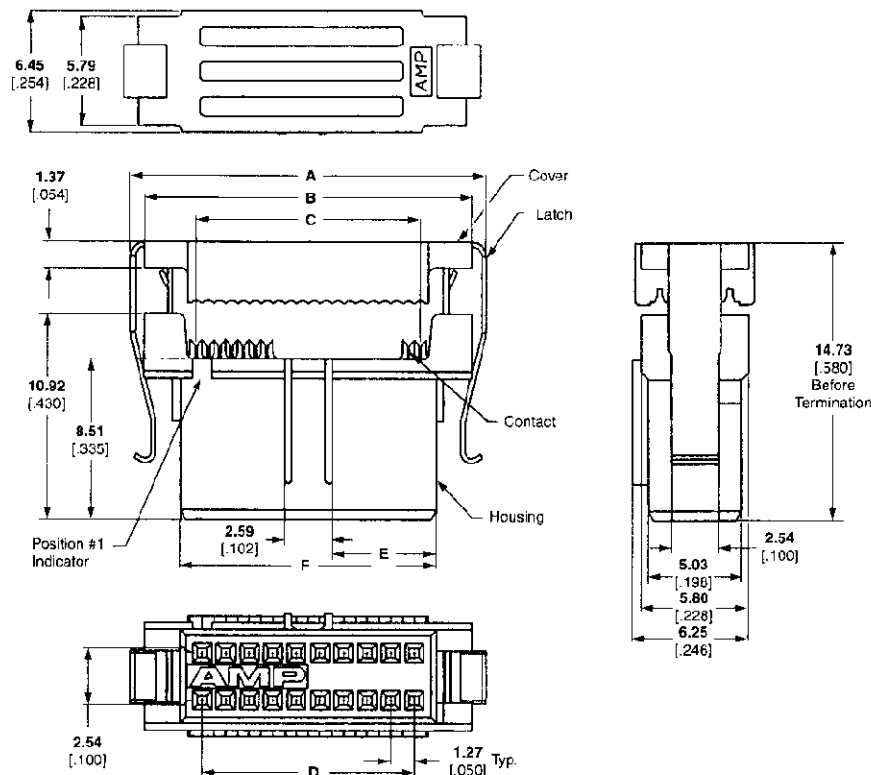
Double Row Receptacles, 0.64 [.025] Centers, Cable-to-Board

**Material and Finish:****Housing** — Black thermoplastic, 94V-0 rated**Latches** — Stainless steel**Contacts** — Beryllium copper plated gold over nickel with tin-lead in termination area**Related Product Data:****Performance Characteristics** —
Page 455**Size Range, Double Row** —
20 thru 100**Current Rating (per contact)** —
0.5 amperes**Dielectric Withstanding Voltage** —
200 VAC**Insulation Resistance** — 5,000
Megohms**Durability (tested to)** — 150 Cycles**Mating Force (per contact)** —
1.11 N [4 oz.] Max.**Unmating Force (per contact)** —
0.13 N [0.5 oz.] Min.**Operating Temperature** —
-65°C to +105°C**Mateable Headers** — Page 457**Application Tooling** —

R-CAM 4 Cable Assembly Machine

R-CAM 3A Ribbon Cable Assembly
MachineR-CAM 2A Ribbon Cable Assembly
Machine

Manual Arbor Tool — Part No. 91085-2

Pneumatic Auto-Cycle Tool — Part No.
91112-3**Mates with Posts** — 0.38 [.015]
square, 3.18 [.125] long, on
1.27 x 2.54 [.050 x .100] grid**Technical Documents****Product Specification** 108-1109**Application Specification**
114-25029

No. of Positions	Dimensions						Part Numbers*
	A	B	C	D	E	F	
10	12.95 .510	11.30 .445	5.72 .225	5.08 .200	2.44 .096	7.47 .294	111196-1
14	15.49 .610	13.84 .545	8.26 .325	7.62 .300	3.71 .146	10.01 .394	111196-2
16	16.76 .660	15.11 .595	9.52 .375	8.89 .350	4.34 .171	11.28 .444	111196-3
20	19.30 .760	17.65 .695	12.07 .475	11.43 .450	5.61 .221	13.82 .544	111196-4
24	20.32 .860	20.19 .795	14.61 .575	13.97 .550	6.88 .271	16.36 .644	111196-5
26	23.11 .910	21.46 .845	15.88 .625	15.24 .600	7.52 .296	17.63 .694	111196-6
30	25.65 1.010	24.00 .945	18.42 .725	17.78 .700	8.79 .346	20.17 .794	111196-7
34	28.19 1.110	26.54 1.045	20.96 .825	20.32 .800	10.06 .396	22.71 .894	111196-8
40	32.00 1.260	30.35 1.195	34.54 .975	24.13 .950	11.96 .471	26.52 1.044	111196-9
44	34.54 1.360	32.89 1.295	27.31 1.075	26.67 1.050	13.23 .521	29.06 1.144	1-111196-0
50	38.35 1.510	36.70 1.445	31.12 1.225	30.48 1.200	15.14 .596	32.87 1.294	1-111196-1
60	44.70 1.760	43.05 1.695	37.47 1.475	36.83 1.450	18.31 .721	39.22 1.544	1-111196-2
64	47.24 1.860	45.59 1.795	40.00 1.575	39.37 1.550	19.58 .771	41.76 1.644	1-111196-3
68	49.78 1.960	48.13 1.895	42.55 1.675	41.91 1.650	20.85 .821	44.30 1.744	1-111196-4
72	52.32 2.060	50.67 1.995	45.08 1.775	44.45 1.750	22.12 .871	46.84 1.844	1-111196-5
80	57.40 2.260	55.75 2.195	50.17 1.975	49.53 1.950	24.66 .971	51.92 2.044	1-111196-6
100	70.10 2.760	68.45 2.695	62.87 2.475	62.23 2.450	31.01 1.221	64.62 2.544	1-111196-6