

- 1) Dimensions are in inches; Dimensions in () are in millimeters.
- 2) Metric equivalents are given for general information only, and are based upon 1.00 inches equals (25.4) millimeters.
- 3) Polarizing feature (R2) does not appear on the 10 and 14 position connector.

PLASTIC PARTS— UL94V-0 Thermoplastic (Black, std.) flame retardant.

CONTACTS— Phosphor Bronze, standard

CONTACT PLATING— Selective gold plating, Standard; .000010 (min.) gold over .000050 nickel in mating area, and gold flash over .000050 nickel in remaining area.

TEMPERATURE RATING— 125° C
CONTACT RATING— 1 AMPERE.
DIELECTRIC STRENGTH— OVER 500V.D.C. AT SEA LEVEL.
INSULATION RESISTANCE— Greater than 5×10^9 ohms.

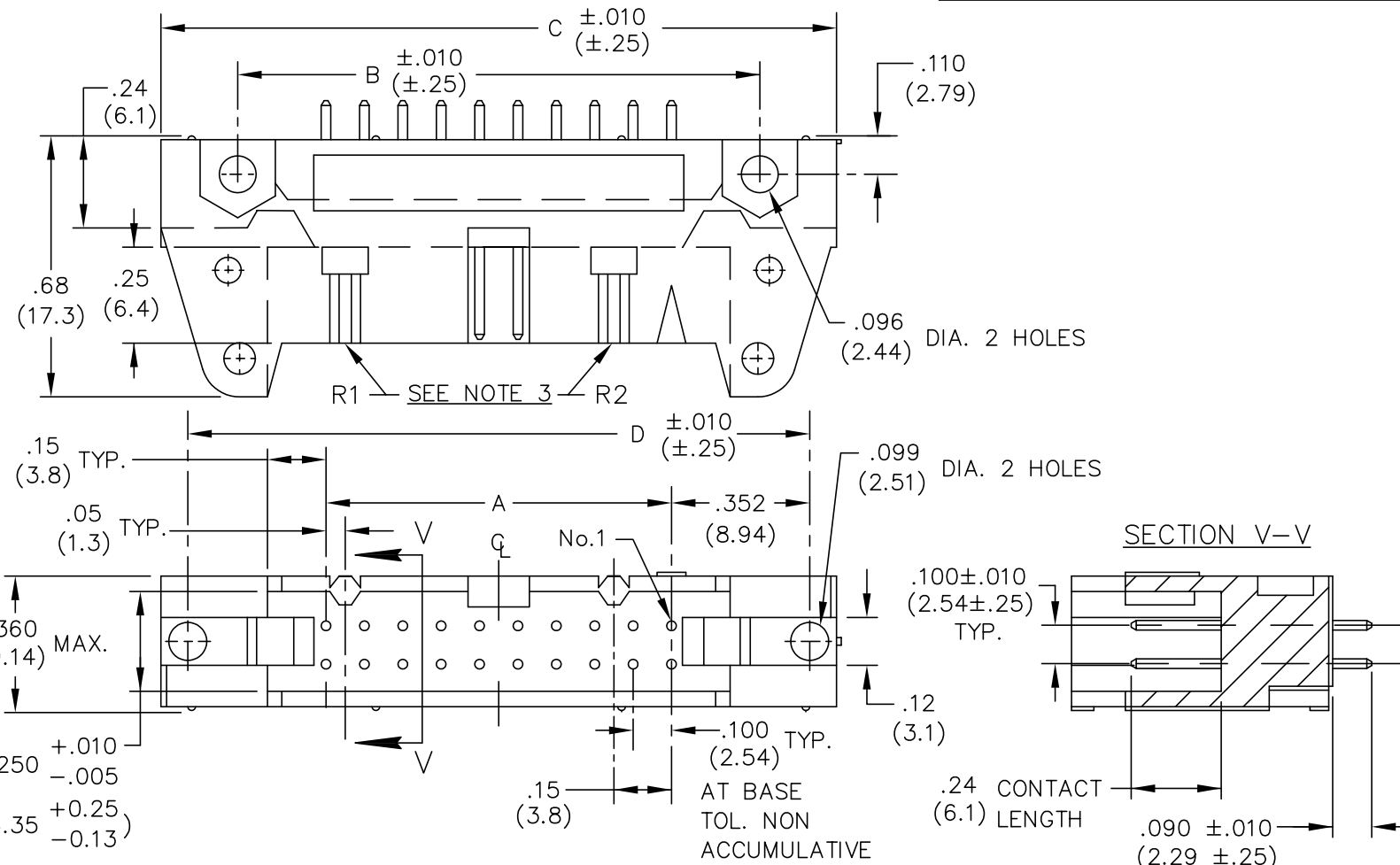


Diagram illustrating the recommended P.C. board layout for a 24-pin connector. The layout shows a rectangular board with dimensions and tolerances specified in inches and millimeters.

Key dimensions and tolerances:

- Overall width: $D = 1.003 \pm 0.003$ inches (25.4 ± 0.08 mm)
- Overall height: $A = 1.003 \pm 0.003$ inches (25.4 ± 0.08 mm)
- Distance from top edge to first row of holes: $.350 \pm 0.002$ inches (8.89 ± 0.05 mm) TYP.
- Distance between rows of holes: $.100 \pm 0.003$ inches (2.54 ± 0.08 mm) TYP.
- Distance from bottom edge to last row of holes: $.106 \pm 0.003$ inches (2.69 ± 0.08 mm) DIA. 2 HOLES
- Distance from left edge to first column of holes: $.035 \pm 0.003$ inches ($.89 \pm 0.08$ mm) DIA. HOLE TYP.
- Distance between columns of holes: $.060 \pm 0.003$ inches (1.52 ± 0.08 mm)
- Distance from center of first column to center of last column: $.100 \pm 0.002$ inches (2.54 ± 0.05 mm) TYP.

The diagram also shows mounting tabs on the top and bottom edges, and a central area labeled "RECOMMENDED P.C. BOARD LAYOUT".

CONNECTOR DIMENSIONS				
XX NO. CONT's	A	B	C	D
10	.400 (10.16)	.860 (21.84)	1.260 (32.00)	1.100 (27.94)
14	.600 (15.24)	1.060 (26.92)	1.460 (37.08)	1.300 (33.02)
16	.700 (17.78)	1.160 (29.46)	1.560 (39.62)	1.400 (35.56)
20	.900 (22.86)	1.360 (34.54)	1.760 (44.70)	1.600 (40.64)
26	1.200 (30.48)	1.660 (42.16)	2.060 (52.32)	1.900 (48.26)
34	1.600 (40.64)	2.060 (52.32)	2.460 (62.48)	2.300 (58.42)
40	1.900 (48.26)	2.360 (59.44)	2.760 (70.10)	2.600 (66.04)
50	2.400 (60.96)	2.860 (72.64)	3.260 (82.80)	3.100 (78.74)
60	2.900 (73.66)	3.360 (85.34)	3.760 (95.50)	3.600 (91.44)