High Current/High Density Board-In Connector System

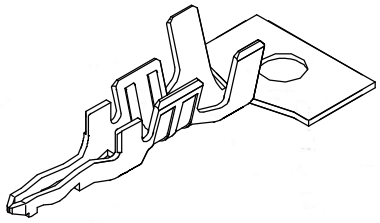
Specification:

- Current Rating: 5A AC, DC
- Voltage Rating: 250V AC, DC
- Ambient Temperature Range: -25°C ~ 85 °C
  (including temperature rise)
- Contact Resistance: Initial value/10mΩ max.
  After environmental testing/20mΩ max.
- Insulation Resistance: 1000MΩ min.
- Dielectric Withstanding Voltage: 1000V AC/minute
- Applicable Wires: AWG #18 ~ #22
- Applicable P.C. board thickness: .063" (1.6mm)
- UL File No. : E114003

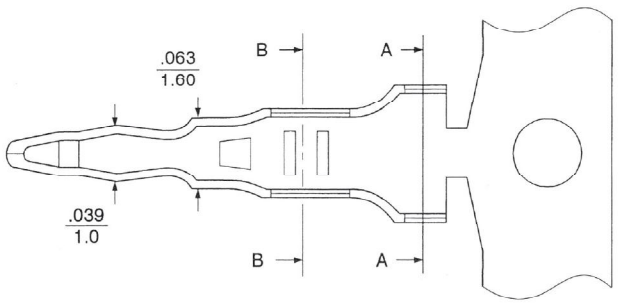
3240T Series

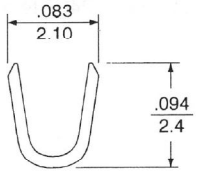
Crimp Terminal

- Used in ALEX 9532-N, 9540-N series housings
- Applicable Wires: AWG #18 ~ #22
- Material: Tin-plated brass
- Thickness: 0.2mm
- Isolation O.D.: ϕ 2.6mm (max.)
- Applicable P.C. board Hole Diameter: .039" (1.0mm)

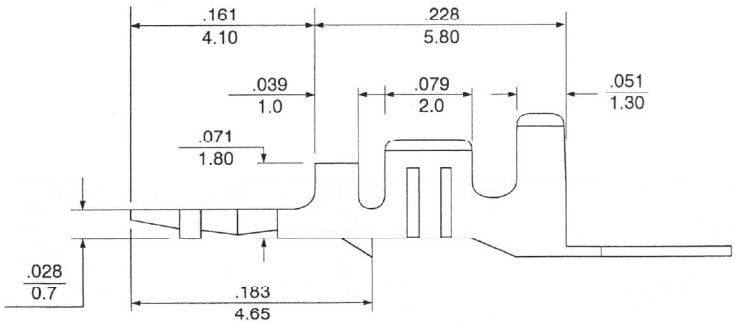


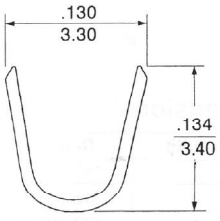
inches
mm





Sectionn B-B





Sectionn A-A

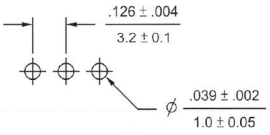
High Current/High Density Board-In Connector System

9532-N Series

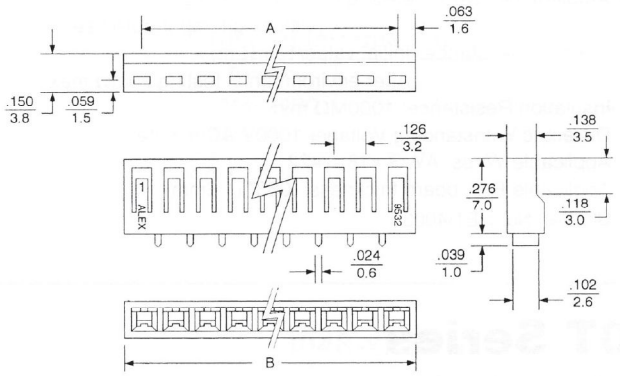
Crimp Terminal Housing

inches
mm

- Material: 94V-0 nylon 66
- 2 ~ 15 circuits available
- Accepts Alex 3240T terminal



P.C.B. hole dimensions



Dimensional Information - in. (mm)

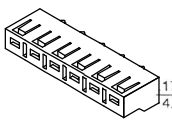
Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	.126 (3.2)	.252 (6.4)	7	.756 (19.2)	.882 (22.4)	12	1.386 (35.2)	1.512 (38.4)
3	.252 (6.4)	.378 (9.6)	8	.882 (22.4)	1.008 (25.6)	13	1.512 (38.4)	1.638 (41.6)
4	.378 (9.6)	.504 (12.8)	9	1.008 (25.6)	1.134 (28.8)	14	1.638 (41.6)	1.764 (44.8)
5	.504 (12.8)	.630 (16.0)	10	1.134 (28.8)	1.260 (32.0)	15	1.764 (44.8)	1.890 (48.0)
6	.630 (16.0)	.756 (19.2)	11	1.260 (32.0)	1.386 (35.2)			

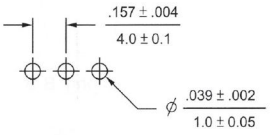
9540-N Series

Crimp Terminal Housing

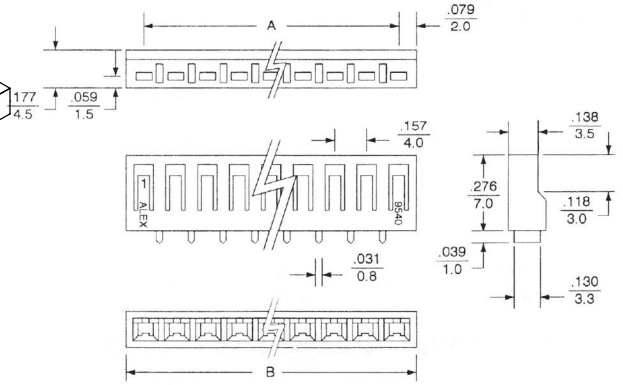
inches
mm

- Material: 94V-0 nylon 66
- 2 ~ 15 circuits available
- Accepts Alex 3240T terminal





P.C.B. hole dimensions



Dimensional Information - in. (mm)

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	.157 (4.0)	.315 (8.0)	7	.945 (24.0)	1.102 (28.0)	12	1.732 (44.0)	1.890 (48.0)
3	.315 (8.0)	.472 (12.0)	8	1.102 (28.0)	1.260 (32.0)	13	1.890 (48.0)	2.047 (52.0)
4	.472 (12.0)	.630 (16.0)	9	1.260 (32.0)	1.417 (36.0)	14	2.047 (52.0)	2.205 (56.0)
5	.630 (16.0)	.787 (20.0)	10	1.417 (36.0)	1.575 (40.0)	15	2.205 (56.0)	2.362 (60.0)
6	.787 (20.0)	.945 (24.0)	11	1.575 (40.0)	1.732 (44.0)			