

**ALEX**

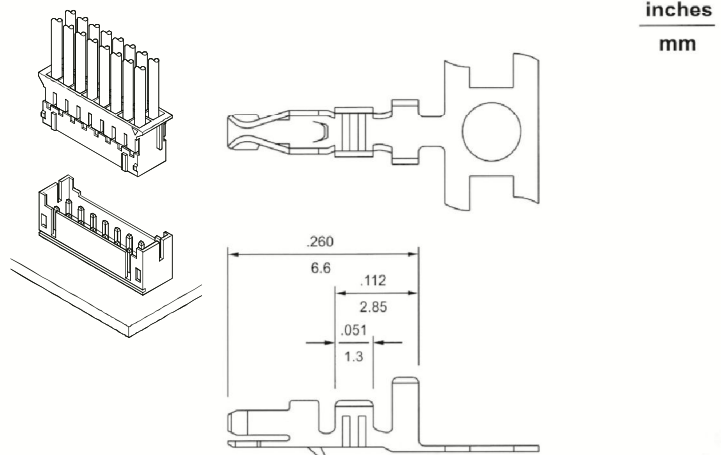
.079"(2.0mm) Crimp Terminal Housing

Specifications:

- Current rating: 3A AC, DC
- Voltage rating: 250V AC, DC
- Withstanding voltage: 800V AC/minute
- Insulation resistance: 1000M Ω min.
- Contact resistance: Initial value / 10m Ω max.
After environmental testing / 20m Ω max.
- Temperature rise: -25 $^{\circ}$ C ~ 85 $^{\circ}$ C max.
(including temperature rise)
- UL file No:E114003

2025T Series Crimp Terminal

- Material: Phosphor bronze
- Finished: Tin-plated
- Used in ALEX 2026-N , 2046-N housings
- Wire range: AWG #22 ~ #28
- Thickness: 0.2mm
- UL file No.: E114003

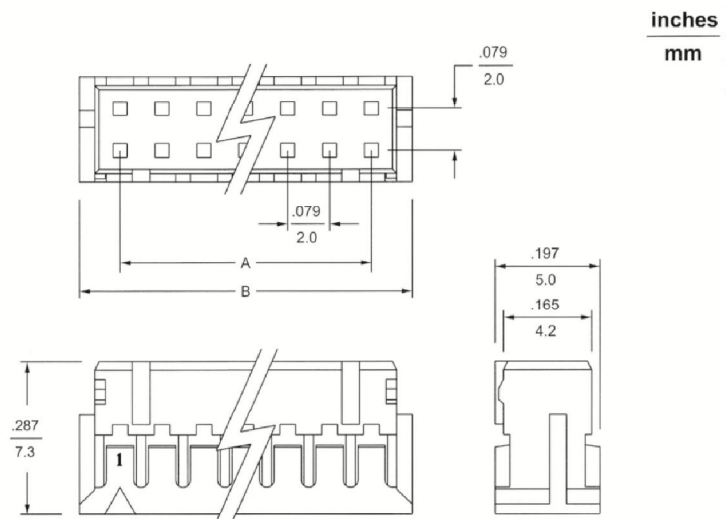


Ordering Information

Part No.	Wire size
2025T1	#24 ~ #28 AWG
2025T2	#22 ~ #26 AWG

2026-N Series Crimp Terminal Housing

- 4 ~ 32 circuits available
- Material: Nylon 66, UL 94V-0
- Standard color: White
- Accepts ALEX 2025T terminal
- Mates with ALEX 2027, 2028 series headers
- UL file No.: E114003



Dimensional Information - in (mm)

Circuits	Dim.A	Dim.B	Circuits	Dim.A	Dim.B	Circuits	Dim.A	Dim.B
4	0.079 (2.0)	0.232 (5.9)	14	0.472 (12.0)	0.626 (15.9)	24	0.866 (22.0)	1.020 (25.9)
6	0.157 (4.0)	0.311 (7.9)	16	0.551 (14.0)	0.705 (17.9)	26	0.945 (24.0)	1.098 (27.9)
8	0.236 (6.0)	0.390 (9.9)	18	0.630 (16.0)	0.783 (19.9)	28	1.024 (26.0)	1.177 (29.9)
10	0.315 (8.0)	0.469 (11.9)	20	0.709 (18.0)	0.862 (21.9)	30	1.102 (28.0)	1.256 (31.9)
12	0.394 (10.0)	0.547 (13.9)	22	0.787 (20.0)	0.941 (23.9)	32	1.181 (30.0)	1.335 (33.9)

**ALEX**

.079"(2.0mm) Crimp Terminal Housing

2046-N Series

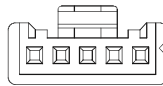
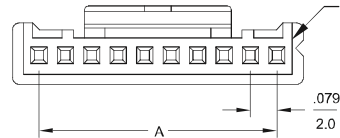
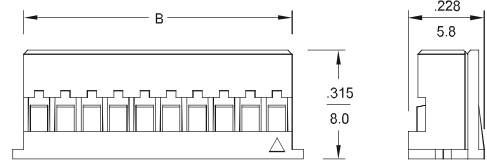
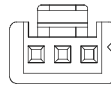
Crimp Terminal Housing

- 2 ~ 15 circuits available
- Material: UL 94V-0 nylon 66
- Accepts ALEX 2025T terminal
- Mates with ALEX 2047, 2048, 2049, 2050 headers

Dimensional Information (mm)

Circuits	Dim. A	Dim. B
N	$2 \times (N - 1)$	$2 \times N + 0.3$

&& N = 2 ~ 15

5 ~ 9P**10 ~ 15P****2 ~ 4P**

inches
mm

2047-N Series

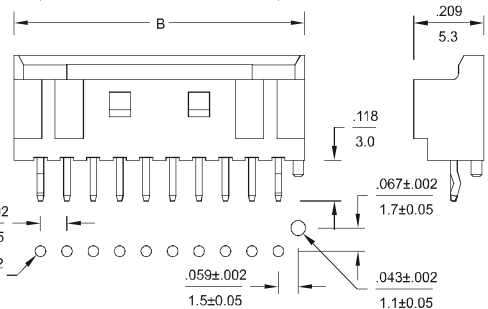
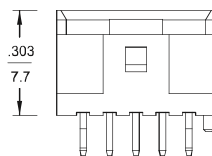
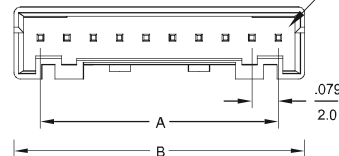
Vertical Header

- 2 ~ 15 circuits available
- Material: Glass-filled PBT, UL 94V-0
- Tin-plated brass pin
- .020"(0.5mm) square pin
- Mates with ALEX 2046-N housing

Dimensional Information (mm)

Circuits	Dim. A	Dim. B
N	$2 \times (N - 1)$	$2 \times (N + 1)$

&& N = 2 ~ 15

2 ~ 9P**10 ~ 15P**

inches
mm

P. C. board hole dimensions

2048-N Series

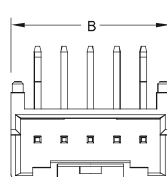
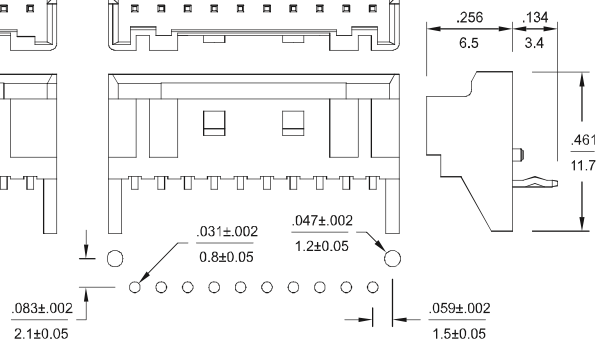
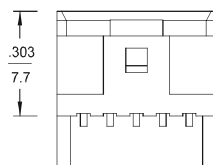
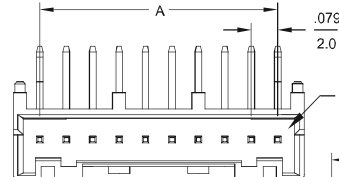
Right Angle Header

- 2 ~ 15 circuits available
- Material: Glass-filled PBT, UL 94V-0
- Tin-plated brass pin
- .020"(0.5mm) square pin
- Mates with ALEX 2046-N housing

Dimensional Information (mm)

Circuits	Dim. A	Dim. B
N	$2 \times (N - 1)$	$2 \times (N + 1)$

&& N = 2 ~ 15

2 ~ 9P**10 ~ 15P**

inches
mm

P. C. board hole dimensions

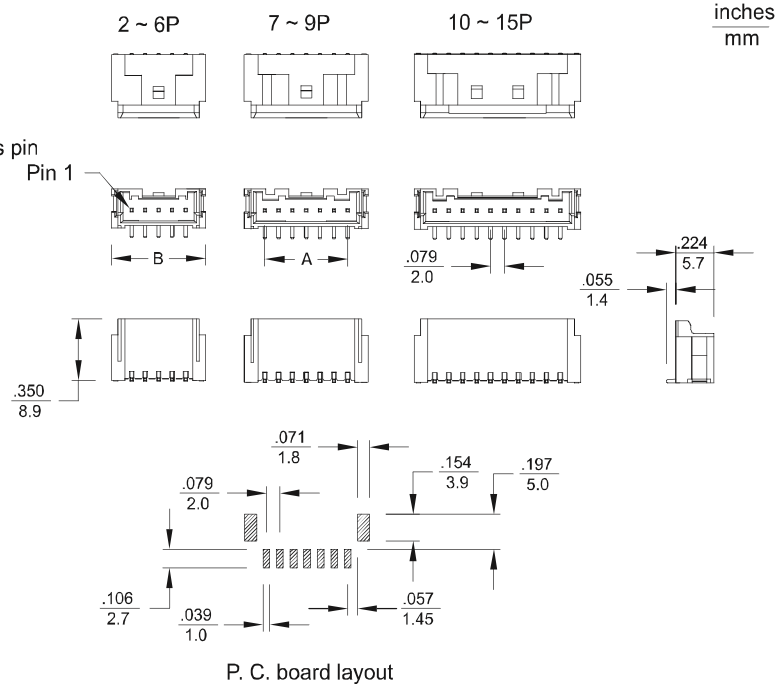
**ALEX**

.079"(2.0mm) Crimp Terminal Housing

2049-N Series

Vertical Header, SMT

- 2 ~ 15 circuits available
- Material: Nylon 6T, UL 94V-0
- Contact & solder tab: Tin-plated brass pin
- .020"(0.5mm) square pin
- Mates with ALEX 2046-N housing
- Color: Natural



Dimensional Information (mm)

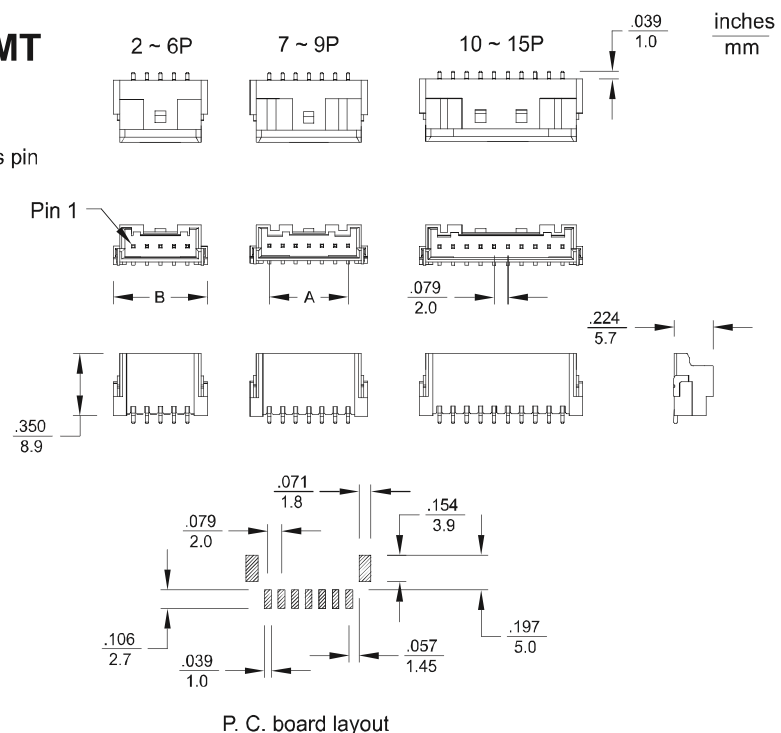
Circuits	Dim. A	Dim. B
N	2 x (N - 1)	2 x N + 4

& N = 2 ~ 15

2050-N Series

Right Angle Header, SMT

- 2 ~ 15 circuits available
- Material: Nylon 6T, UL 94V-0
- Contact & solder tab: Tin-plated brass pin
- .020"(0.5mm) square pin
- Mates with ALEX 2046-N housing
- Color: Natural



Dimensional Information (mm)

Circuits	Dim. A	Dim. B
N	2 x (N - 1)	2 x N + 4

& N = 2 ~ 15