



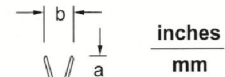
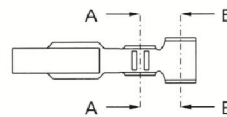
ALEX

.156"(3.96mm) Crimp Terminal

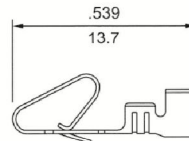
23T Series

Crimp Terminal

- Material: Brass
- Finished: Tin-plated
- Used in ALEX 8500-06, 8639 series housings



SEC. A-A



SEC. B-B

Ordering Information

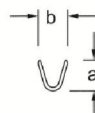
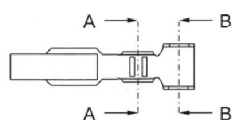
Part No.	Dimensions				Wire range	Thickness	Type	Q'ty/Reel
	a	b	c	d				
23T-1203	1.7	2.2	2.4	2.7	#22 ~ #26	0.25	End-Chain	7000
23T-1204						0.3		
23T-6203	2.4	2.5	3.4	3.65	#16 ~ #20	0.25		6000
23T-6204						0.3		

24T Series

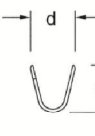
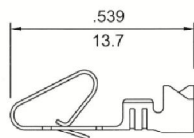
Crimp Terminal

- Material: Brass
- Finished: Tin-plated
- Used in ALEX 8500-06, 8639 series housings

Double cantilever design

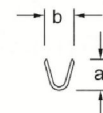
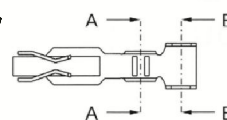


SEC. A-A

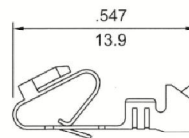


SEC. B-B

Trifurcon design



SEC. A-A



SEC. B-B

Ordering Information

Part No.	Dimensions				Wire range	Thickness	Type	Q'ty/Reel	Style
	a	b	c	d					
24T-0203	2.4	2.3	3.6	3.4	#18 ~ #24	0.25	Loose	6000	Double cantilever design
24T-0204						0.3			
24T-1203						0.25	End-Chain		
24T-1204						0.3			
24T-2203						0.25	Middle-Chain		
24T-2204						0.3			
24T-12K3	2.0	2.6	3.5	3.3	#18 ~ #22	0.25	End-Chain	7000	Trifurcon design

**ALEX**

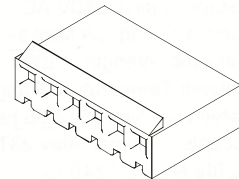
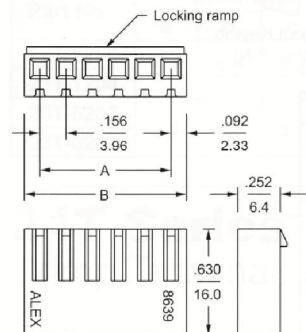
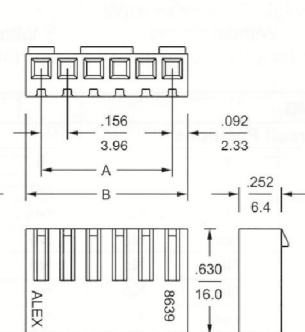
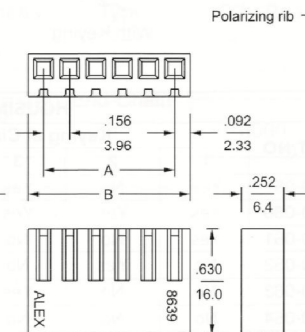
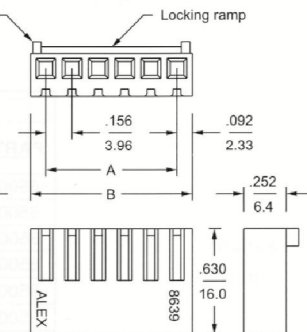
.156"(3.96mm) Center Crimp Terminal Housing

8639-N Series Crimp Terminal Housing

inches
mm

- 2 ~ 25 circuits available
- UL 94V-2 nylon 66
- Accepts ALEX 23T, 24T series terminals
- Mates with ALEX K-396-2 key
- Mates with ALEX 3960, 3961, 8671, 8672, 8673, 8674 headers

- UL file No.: E114003
- CSA file No.: LR86545
- TUV file No.: R 9854382

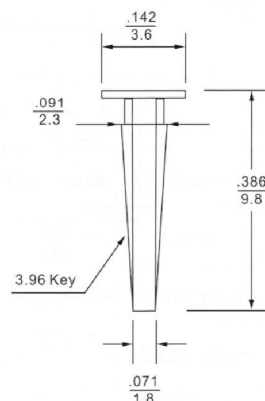
**8639-xx****8639-xxA****8639-xxE****8639-xxZ**

Dimensional Information - in (mm)

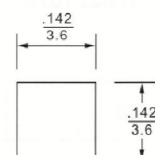
Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	0.156 (3.96)	0.339 (8.62)	10	1.403 (35.64)	1.587 (40.30)	18	2.650 (67.32)	2.834 (71.98)
3	0.312 (7.92)	0.495 (12.58)	11	1.559 (39.60)	1.743 (44.26)	19	2.805 (71.28)	2.990 (75.94)
4	0.468 (11.88)	0.651 (16.54)	12	1.715 (43.56)	1.898 (48.22)	20	2.962 (75.24)	3.146 (79.90)
5	0.624 (15.84)	0.807 (20.50)	13	1.871 (47.52)	2.054 (52.18)	21	3.118 (79.20)	3.302 (83.86)
6	0.780 (19.80)	0.963 (24.46)	14	2.027 (51.48)	2.210 (56.14)	22	3.274 (83.16)	3.457 (87.82)
7	0.935 (23.76)	1.119 (28.42)	15	2.183 (55.44)	2.366 (60.10)	23	3.430 (87.12)	3.613 (91.78)
8	1.091 (27.72)	1.275 (32.38)	16	2.339 (59.40)	2.522 (64.06)	24	3.586 (91.08)	3.769 (95.74)
9	1.247 (31.68)	1.431 (36.34)	17	2.494 (63.36)	2.678 (68.02)	25	3.741 (95.04)	3.925 (99.70)

K-396-2 Housing Polarizing Key

- UL 94V-2 nylon 66
- Color: Nature
- Mate with ALEX 8639 series housing
- UL File No. : E114003



inches
mm



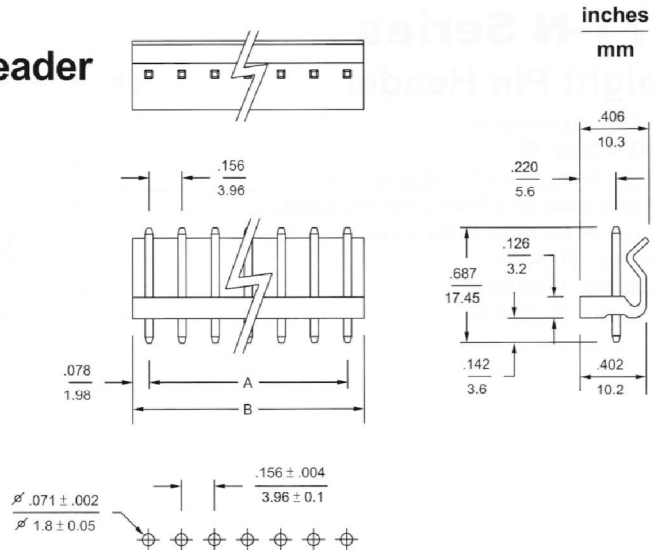
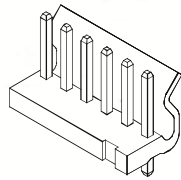


.156"(3.96mm) Center Header

8673 Series

Straight Pin Friction Lock Header

- 2 ~ 25 circuits available
- UL 94V-2 nylon 66
- .045"(1.14mm) square pin
- Tin plated brass pin. Plating options available
- Mates with ALEX 8639, 8095 series housings
- UL file No.: E114003
- CSA file No.: LR86545
- TUV file No.: R 9854382

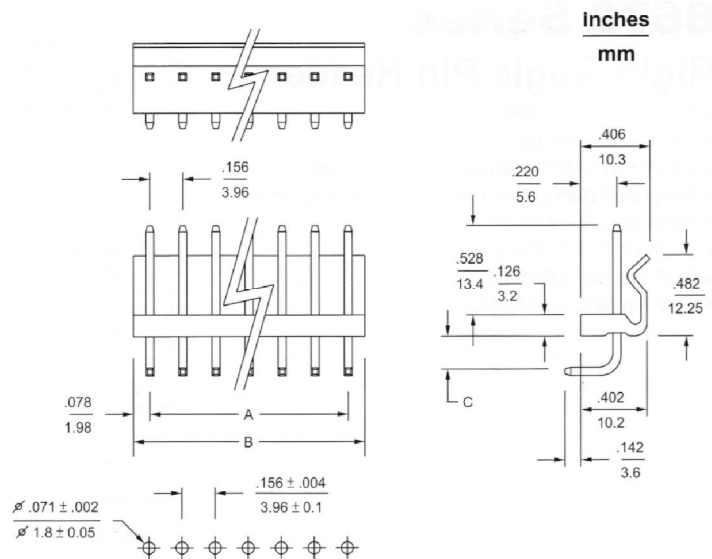
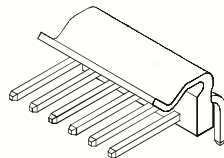


P. C. B. hole dimensions

8674 Series

Right Angle Pin Friction Lock Header

- 2 ~ 25 circuits available
- UL 94V-2 nylon 66
- .045"(1.14mm) square pin
- Tin plated brass pin. Plating options available
- Mates with ALEX 8639, 8095 series housings
- UL file No.: E114003
- CSA file No.: LR86545
- TUV file No.: R 9854382



P. C. B. hole dimensions

Ordering Information

Part No.	Dim. C
8674-xx-A	3.3
8674-xx-B	5.0

Dimensional Information - in (mm) 8673/8674

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	0.156 (3.96)	0.312 (7.92)	10	1.403 (35.64)	1.559 (39.60)	18	2.650 (67.32)	2.806 (71.28)
3	0.312 (7.92)	0.468 (11.88)	11	1.559 (39.60)	1.715 (43.56)	19	2.806 (71.28)	2.962 (75.24)
4	0.468 (11.88)	0.624 (15.84)	12	1.715 (43.56)	1.871 (47.52)	20	2.962 (75.24)	3.118 (79.20)
5	0.624 (15.84)	0.780 (19.80)	13	1.871 (47.52)	2.027 (51.48)	21	3.118 (79.20)	3.274 (83.16)
6	0.780 (19.80)	0.935 (23.76)	14	2.027 (51.48)	2.183 (55.44)	22	3.274 (83.16)	3.430 (87.12)
7	0.935 (23.76)	1.091 (27.72)	15	2.183 (55.44)	2.339 (59.40)	23	3.430 (87.12)	3.586 (91.08)
8	1.091 (27.72)	1.247 (31.68)	16	2.339 (59.40)	2.494 (63.36)	24	3.586 (91.08)	3.742 (95.04)
9	1.247 (31.68)	1.403 (35.64)	17	2.494 (63.36)	2.650 (67.32)	25	3.742 (95.04)	3.898 (99.00)

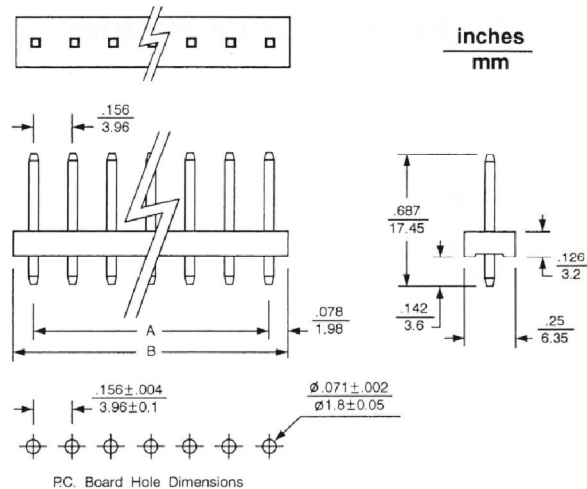
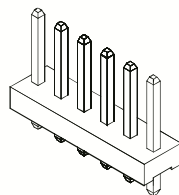


ALEX

.156" (3.96mm) Headers

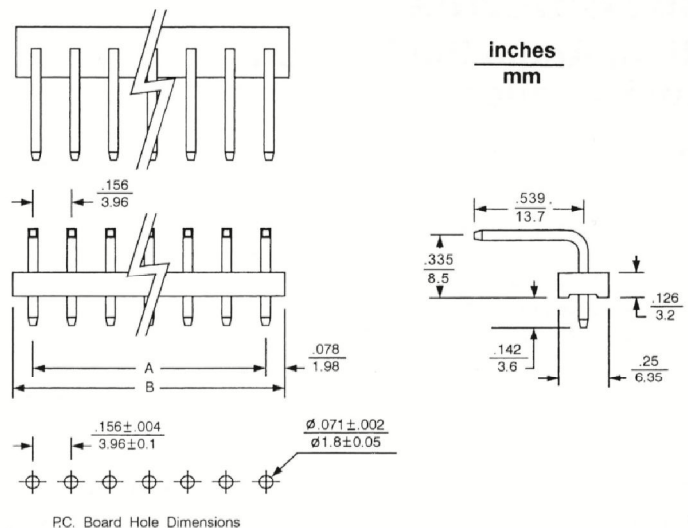
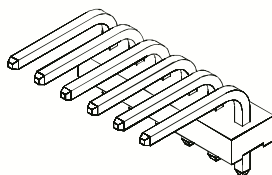
8671-N Series Straight Pin Header

- 2 ~ 24 circuits available
- UL 94V-2 nylon 66
- .045" (1.14mm) straight square wire pin
- Tin plated brass pins. Plating options available
- Mate with ALEX 8639, 8095 series housings
- UL file No.: E114003
- CSA file No.: LR86545
- TUV file No.: R 9854382



8672 Series Right Angle Pin Header

- 2 ~ 24 circuits available
- UL 94V-2 nylon 66
- Rt. angle .045" (1.14mm) square wire pin
- Tin plated brass pins. Plating options available
- Mate with ALEX 8639, 8095 series housings
- UL file No.: E114003
- CSA file No.: LR86545
- TUV file No.: R 9854382



Dimensional Information - in (mm) 8671/8672

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	0.156 (3.96)	0.312 (7.92)	10	1.403 (35.64)	1.559 (39.60)	18	2.650 (67.32)	2.806 (71.28)
3	0.312 (7.92)	0.468 (11.88)	11	1.559 (39.60)	1.715 (43.56)	19	2.806 (71.28)	2.962 (75.24)
4	0.468 (11.88)	0.624 (15.84)	12	1.715 (43.56)	1.871 (47.52)	20	2.962 (75.24)	3.118 (79.20)
5	0.624 (15.84)	0.780 (19.80)	13	1.871 (47.52)	2.027 (51.48)	21	3.118 (79.20)	3.274 (83.16)
6	0.780 (19.80)	0.935 (23.76)	14	2.027 (51.48)	2.183 (55.44)	22	3.274 (83.16)	3.430 (87.12)
7	0.935 (23.76)	1.091 (27.72)	15	2.183 (55.44)	2.339 (59.40)	23	3.430 (87.12)	3.586 (91.08)
8	1.091 (27.72)	1.247 (31.68)	16	2.339 (59.40)	2.494 (63.36)	24	3.586 (91.08)	3.742 (95.04)
9	1.247 (31.68)	1.403 (35.64)	17	2.494 (63.36)	2.650 (67.32)			

**ALEX**

.156"(3.96mm) Vertical / Right Angle Header

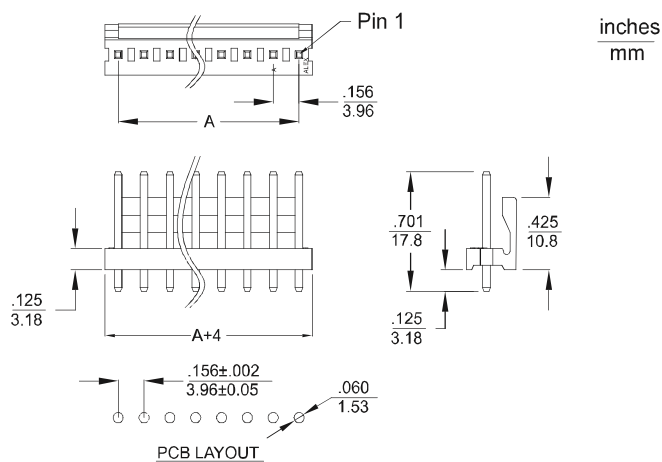
Specification:

- Current rating: 7AAC, DC
- Voltage rating: 250V AC, DC
- Contact resistance: 10mΩ Max.
- Dielectric withstanding voltage: 1500V AC/minute
- Ambient temperature range: -40°C ~ 105°C
- UL file No.: E114003

After environmental testing/20mΩ Max.

3960-N Series Vertical Header

- 2 ~ 24 circuits available
- Material : UL 94V-0 nylon 66
- Tin-plated brass pin. Plating options available
- .045"(1.14mm) square pin
- Mates with ALEX 8639-N housing
- Mates with ALEX 9255-xx IDC housing

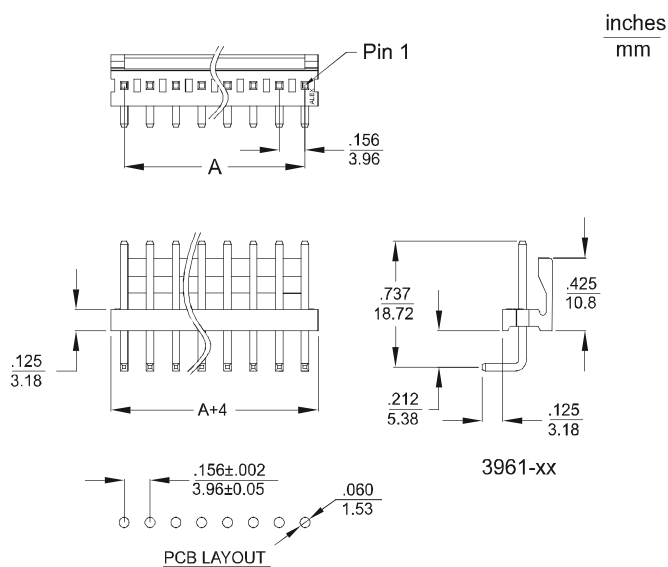
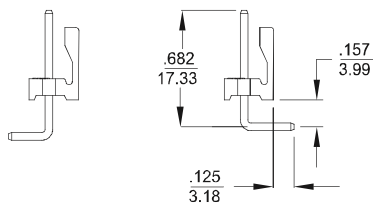


3961-xx Series Right Angle Header

- 2 ~ 24 circuits available
- Material : UL 94V-0 nylon 66
- Tin-plated brass pin. Plating options available
- .045"(1.14mm) square pin
- Mates with ALEX 8639-N housing
- Mates with ALEX 9255-xx IDC housing

3961-xx

3961-xxL



Dimensional Information - in (mm) 3960 / 3961

Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A
2	0.156 (3.96)	6	0.780 (19.80)	10	1.403 (35.64)	14	2.027 (51.48)	18	2.650 (67.32)	22	3.274 (83.16)
3	0.312 (7.92)	7	0.935 (23.76)	11	1.559 (39.60)	15	2.183 (55.44)	19	2.806 (71.28)	23	3.430 (87.12)
4	0.468 (11.88)	8	1.091 (27.72)	12	1.715 (43.56)	16	2.339 (59.40)	20	2.962 (75.24)	24	3.586 (91.08)
5	0.624 (15.84)	9	1.247 (31.68)	13	1.871 (47.52)	17	2.494 (63.36)	21	3.118 (79.20)		