



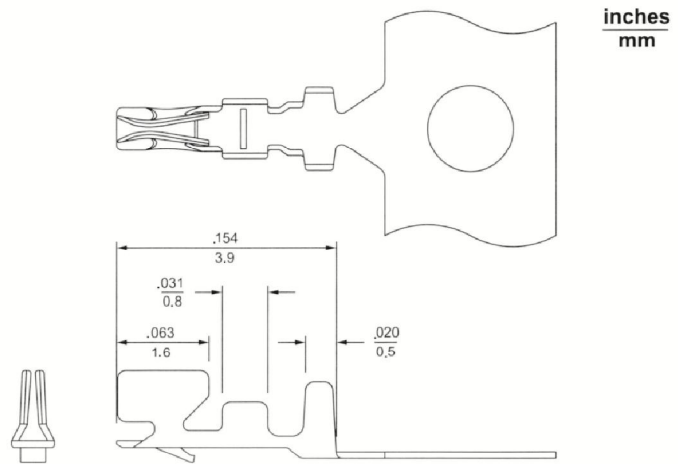
# .039"(1.0mm) Crimp Terminal Housing

## Specifications:

- Current rating: 1AAC, DC ( AWG #28 )
- Voltage rating: 50V AC, DC
- Withstanding voltage: 500V AC/minute
- Insulation resistance: 100MΩ min.
- Contact resistance: Initial value/20mΩ max.
- Temperature rise: -25 °C ~ 85 °C  
( Including temperature rise in applying electrical current )
- UL file No. : E114003

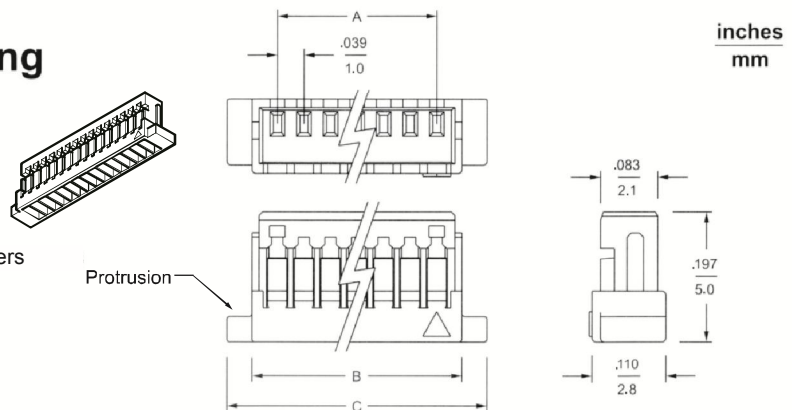
## 1001T Series Crimp Terminal

- Material: Phosphor bronze
- Finished: Tin-plated
- Used in ALEX 1002-N, 1005-N housings
- Wire range: AWG #28 ~ #32
- Insulation O.D.: .016" ~ .031"  
( 0.4 ~ 0.8mm )



## 1002-N Series Crimp Terminal Housing

- 2 ~ 15 circuits available
- Material: PBT UL 94V-0
- Color: White
- With protrusions
- Accepts ALEX 1001T terminal
- Mates with ALEX 1003-N, 1004-N headers



### Dimensional Information - in ( mm )

Circuits	Dim. A	Dim. B	Dim. C	Circuits	Dim. A	Dim. B	Dim. C
2	0.039 ( 1.0 )	0.118 ( 3.0 )	0.197 ( 5.0 )	9	0.315 ( 8.0 )	0.394 ( 10.0 )	0.472 ( 12.0 )
3	0.079 ( 2.0 )	0.157 ( 4.0 )	0.236 ( 6.0 )	10	0.354 ( 9.0 )	0.433 ( 11.0 )	0.512 ( 13.0 )
4	0.118 ( 3.0 )	0.197 ( 5.0 )	0.276 ( 7.0 )	11	0.394 ( 10.0 )	0.472 ( 12.0 )	0.551 ( 14.0 )
5	0.157 ( 4.0 )	0.236 ( 6.0 )	0.315 ( 8.0 )	12	0.433 ( 11.0 )	0.512 ( 13.0 )	0.591 ( 15.0 )
6	0.197 ( 5.0 )	0.276 ( 7.0 )	0.354 ( 9.0 )	13	0.472 ( 12.0 )	0.551 ( 14.0 )	0.630 ( 16.0 )
7	0.236 ( 6.0 )	0.315 ( 8.0 )	0.394 ( 10.0 )	14	0.512 ( 13.0 )	0.591 ( 15.0 )	0.669 ( 17.0 )
8	0.276 ( 7.0 )	0.354 ( 9.0 )	0.433 ( 11.0 )	15	0.551 ( 14.0 )	0.630 ( 16.0 )	0.709 ( 18.0 )

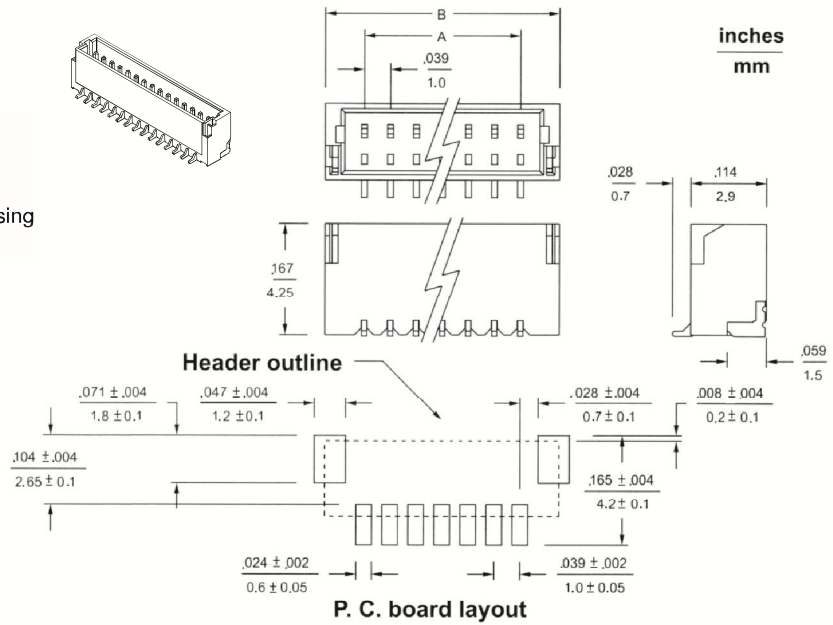


ALEX

# .039"(1.0mm) SMT Type Shrouded Header

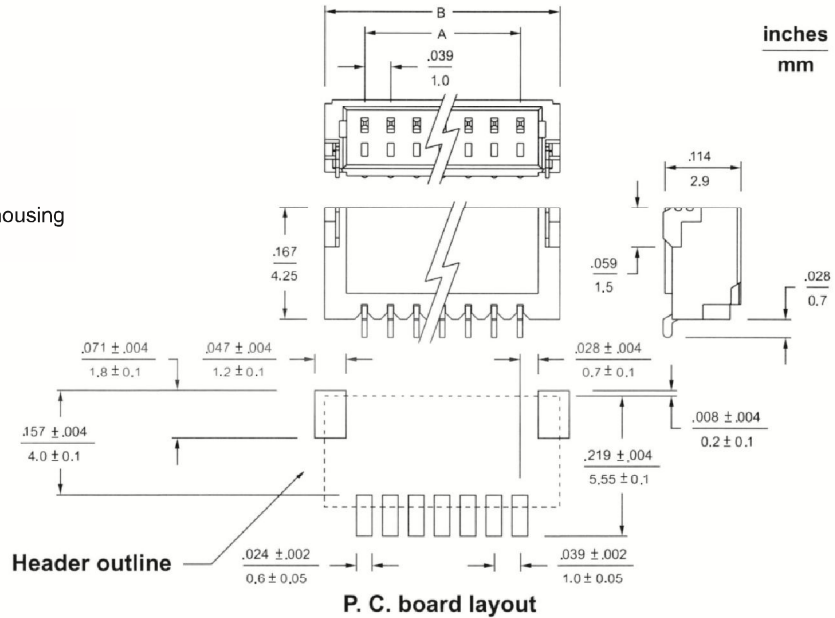
## 1003-N Series Top Entry Type

- 2 ~ 16, 20 circuits available
- Material: Nylon 6T UL 94V-0
- Tin-plated phosphor bronze
- Mates with ALEX 1002-N series housing



## 1004-N Series Side Entry type

- 2 ~ 16, 20 circuits available
- Material: Nylon 6T UL 94V-0
- Tin-plated phosphor bronze
- Mates with ALEX 1002-N series housing



### Dimensional Information ( mm ) 1003 / 1004

Circuits	Dim . A	Dim . B
N	1.0 x ( N - 1 )	A+3

&& N = 2~16,20