

INTRODUCTION:

Adam Tech HHS Series of multiple pitch Headers and Housings are a matched set of Crimp Wire Housings and PCB mounted Shrouded Headers available in Straight, Right Angle or SMT orientation. Offered in various popular industry standard styles they provide a lightweight, fine pitched, polarized, high reliability connection system.

FEATURES:

Multiple pitches and configurations
Matched Housing & Header system
Straight, Right Angle or SMT Headers
Sure fit, Fine Pitched & Polarized

MATING CONNECTORS:

Each set has a male and female mate

SPECIFICATIONS:

Material:

Insulator: Thru-hole: PBT, glass reinforced, rated UL94V-0

SMT: Nylon 46 or 6T, rated UL94V-0

Contacts: Brass

Plating:

Tin over copper underplate overall

Electrical:

Operating voltage: 100V AC max.

Current rating: 0.5 - 5 Amps max.

Insulation resistance: 1000 MΩ min.

Dielectric withstanding voltage: 800V AC for 1 minute

Mechanical:

Insertion force: 1.28 lbs max

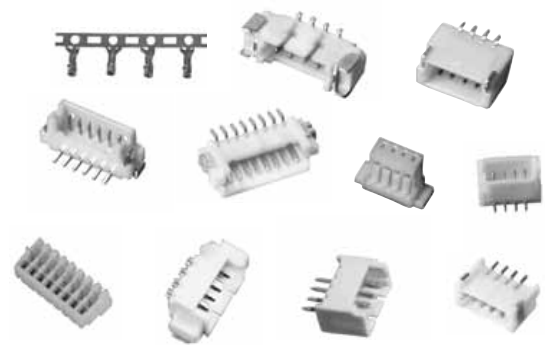
Withdrawal force: 0.180 lbs min.

Temperature Rating:

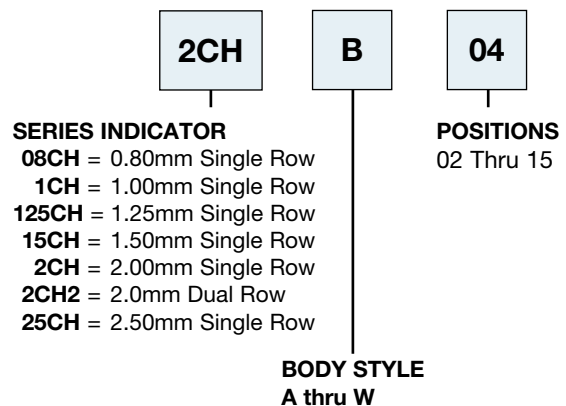
Operating temperature: -25°C to +85°C

SAFETY AGENCY APPROVALS:

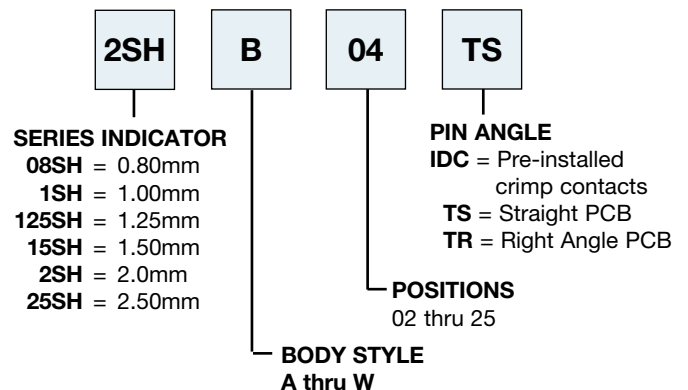
UL Recognized & CSA Certified, File no. E224053



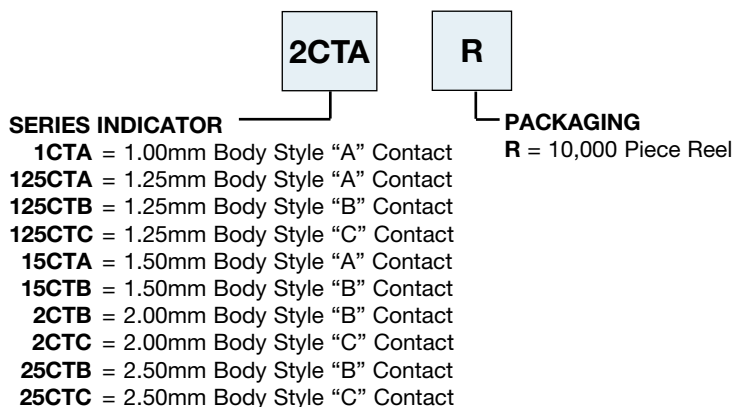
ORDERING INFORMATION CRIMP HOUSING



ORDERING INFORMATION SHROUDED HEADER



ORDERING INFORMATION CRIMP CONTACT



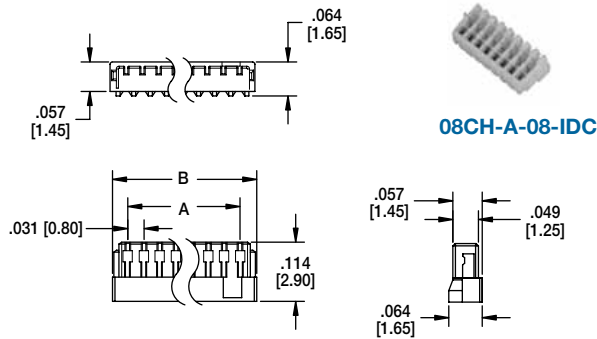
OPTIONS:

Add designator(s) to end of part number

SMT = Surface mount leads with Hi-Temp insulator

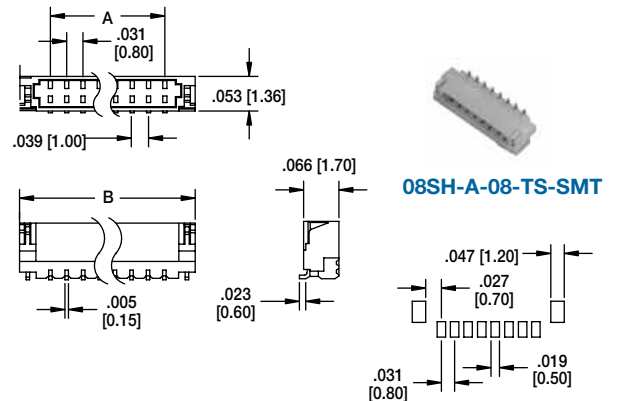
0.8mm TYPE A

08CH-A-XX-IDC 0.8mm IDC HOUSING WITH PRE-INSTALLED CONTACTS



Replace (XX) with No. of positions
A=.031 [0.80] X No. of Positions -1
B=.031 [0.80] X No. of Positions + .031 [0.80]

08SH-A-XX-TS-SMT 0.8mm VERTICAL SMT HEADER

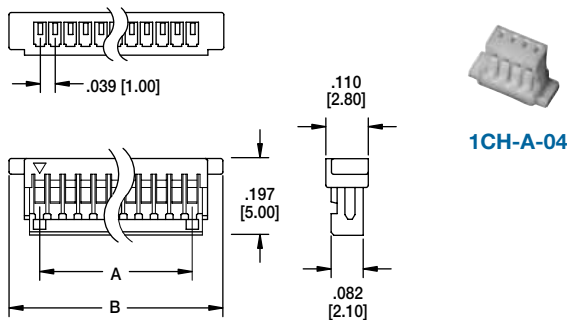


Replace (XX) with No. of positions
A=.031 [0.80] X No. of Positions -1
B=.031 [0.80] X No. of Positions + .031 [0.80]

**Recommended
PCB Layout**

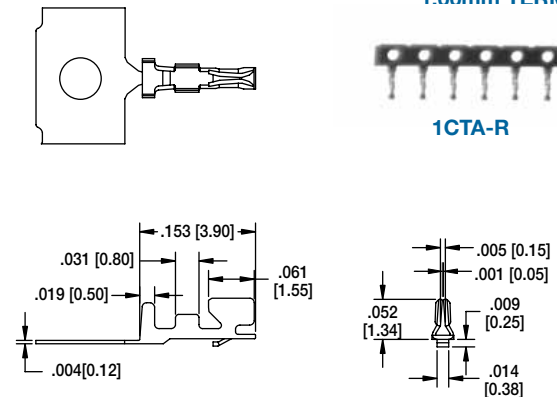
1.00mm TYPE A

1CH-A-XX 1.00mm CRIMP HOUSING



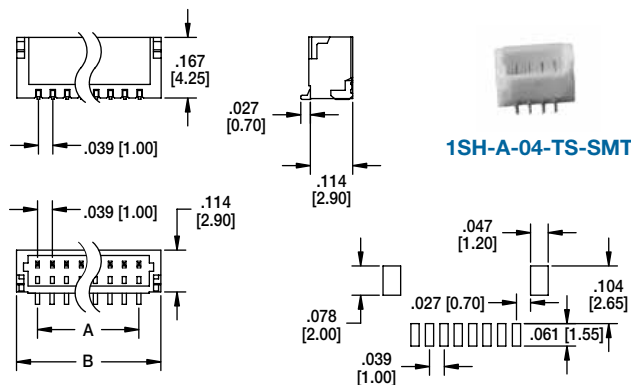
Replace (XX) with No. of positions
A=.039 [1.00] X No. of Positions -1
B=.039 [1.00] X No. of Positions + .118 [3.00]

1CTA-R 1.00mm TERMINAL



Recommended wire size 32-28 awg.

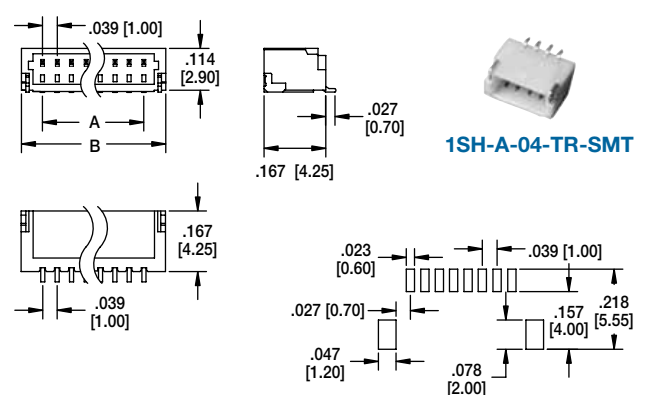
1SH-A-XX-TS-SMT 1.00mm VERTICAL SMT HEADER



Replace (XX) with No. of positions
A=.039 [1.00] X No. of Positions -1
B=.039 [1.00] X No. of Positions + .078 [2.00]

**Recommended
PCB Layout**

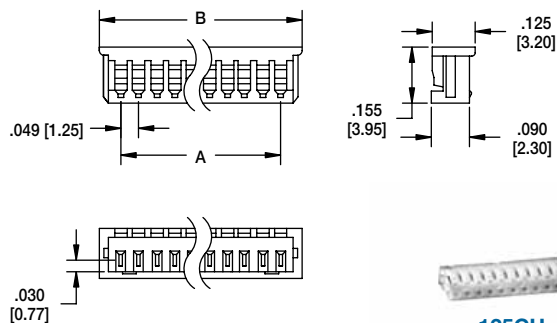
1SH-A-XX-TR-SMT 1.00mm RIGHT ANGLE SMT HEADER



Replace (XX) with No. of positions
A=.039 [1.00] X No. of Positions -1
B=.039 [1.00] X No. of Positions + .078 [2.00]

**Recommended
PCB Layout**

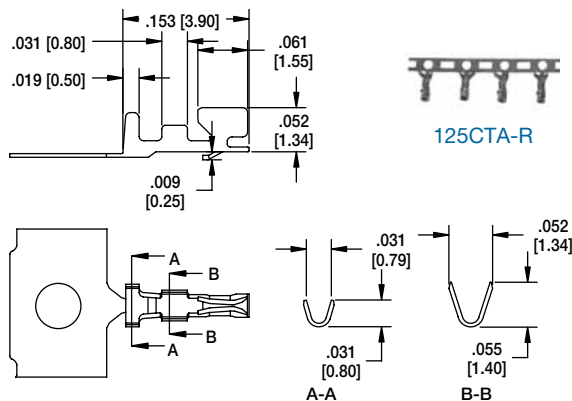
125CH-A-XX 1.25mm CRIMP HOUSING



125CH-A-10

Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .068 [1.75]

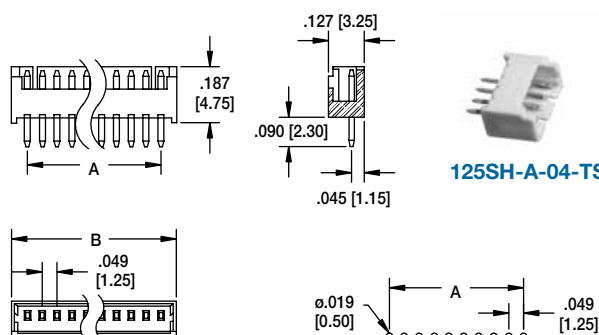
125CTA-R 1.25mm CRIMP TERMINAL



125CTA-R

Recommended wire size 32-28 awg.

125SH-A-XX-TS 1.25mm VERTICAL HEADER

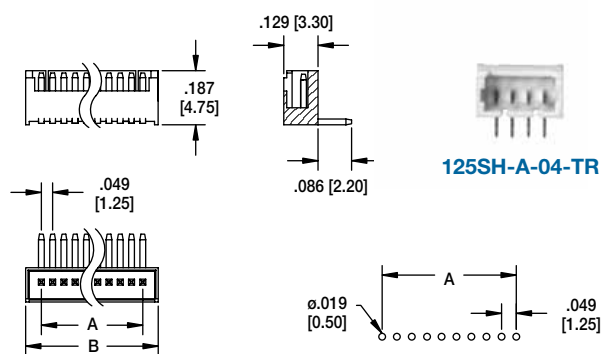


125SH-A-04-TS

Recommended PCB Layout

Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .068 [1.75]

125SH-A-XX-TR 1.25mm RIGHT ANGLE HEADER

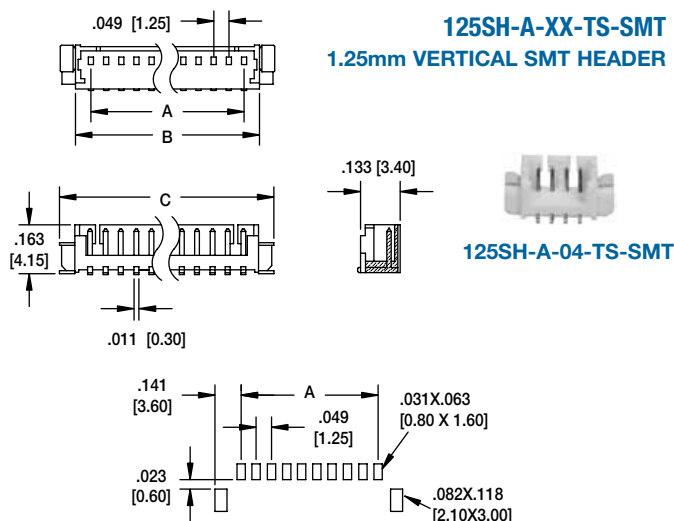


125SH-A-04-TR

Recommended PCB Layout

Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .068 [1.75]

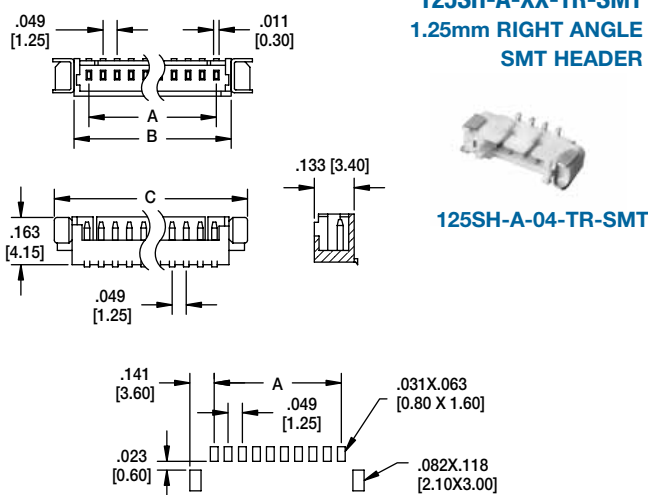
125SH-A-XX-TS-SMT 1.25mm VERTICAL SMT HEADER



125SH-A-04-TS-SMT

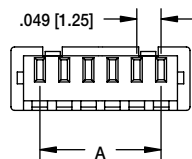
Recommended PCB Layout

125SH-A-XX-TR-SMT 1.25mm RIGHT ANGLE SMT HEADER



125SH-A-04-TR-SMT

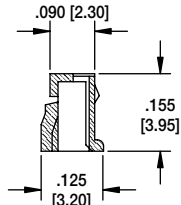
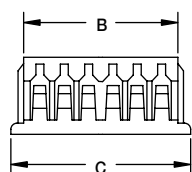
Recommended PCB Layout



125CH-B-XX
1.25mm CRIMP HOUSING



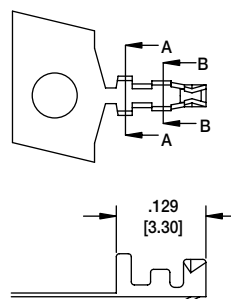
125CH-B-10



Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .017 [0.45]
C=.049 [1.25] X No. of Positions + .068 [1.75]

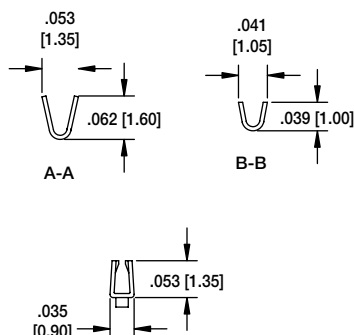


125CTB-R

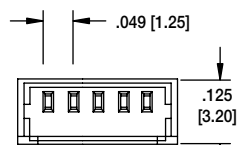


Recommended wire size 32-28 awg.

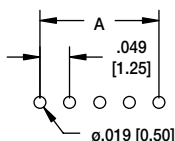
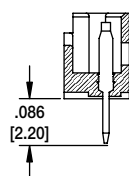
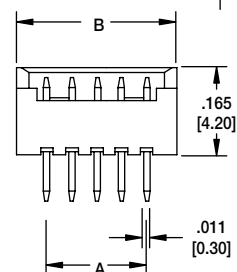
125CTB-R
1.25mm CRIMP TERMINAL



125SH-B-XX-TS
1.25mm VERTICAL HEADER



125SH-B-04-TS



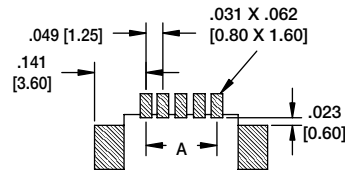
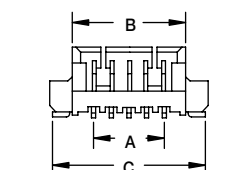
Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .068 [1.75]
B=.049 [1.25] X No. of Positions + .068 [1.75]

Recommended PCB Layout

125SH-B-XX-TS-SMT
1.25mm VERTICAL SMT HEADER



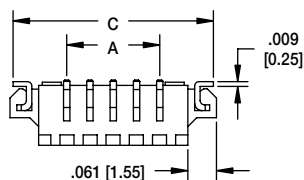
125SH-B-04-TS-SMT



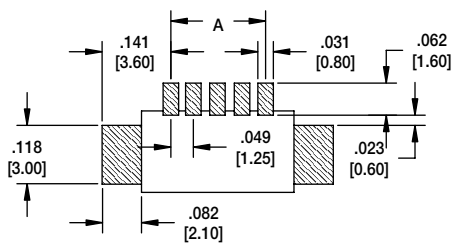
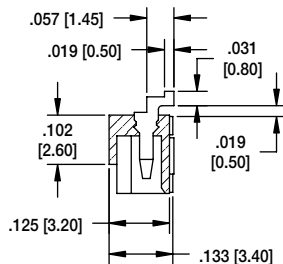
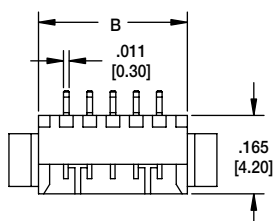
Recommended PCB Layout

Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .068 [1.75]
C=.049 [1.25] X No. of Positions + .202 [5.15]

125SH-B-XX-TR-SMT
1.25mm RIGHT ANGLE SMT HEADER



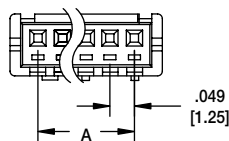
125SH-B-04-TR-SMT



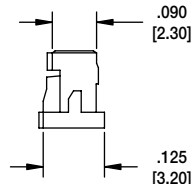
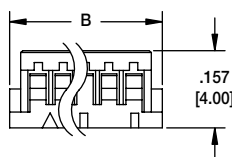
Recommended PCB Layout

Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .068 [1.75]
C=.049 [1.25] X No. of Positions + .187 [4.75]

125CH-C-XX 1.25mm CRIMP HOUSING

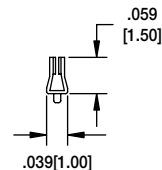
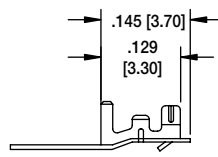
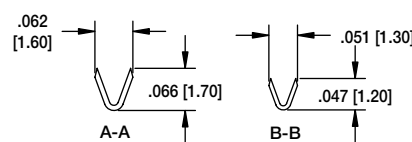
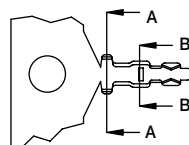


125CH-C-05



Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .065 [1.65]

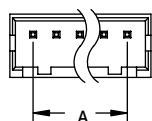
125CTC-R 1.25mm CRIMP TERMINAL



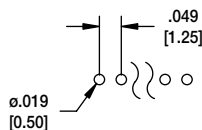
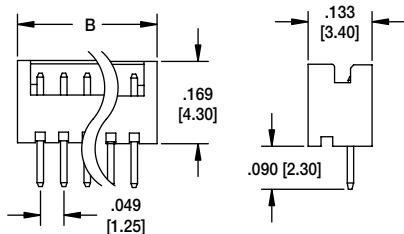
125CTC-R

Recommended wire size 28-32 awg.

125SH-C-XX-TS 1.25mm VERTICAL HEADER



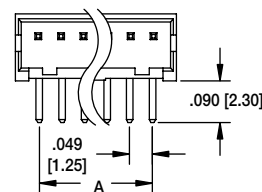
125SH-C-05-TS



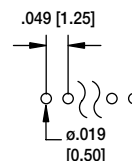
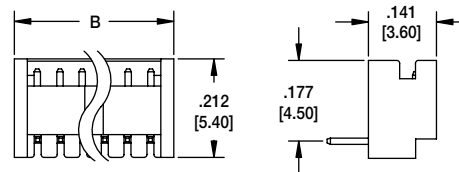
Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .049 [1.25]

Recommended
PCB Layout

125SH-C-XX-TR 1.25mm RIGHT ANGLE HEADER



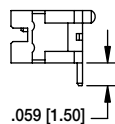
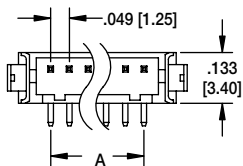
125SH-C-05-TR



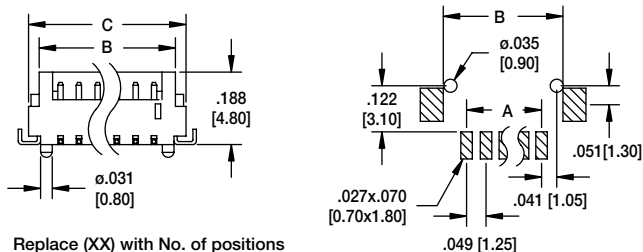
Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .049 [1.25]

Recommended
PCB Layout

125SH-C-XX-TS-SMT 1.25mm VERTICAL SMT HEADER



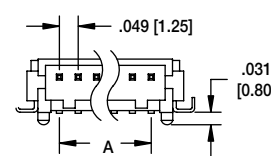
125SH-C-06-TS-SMT



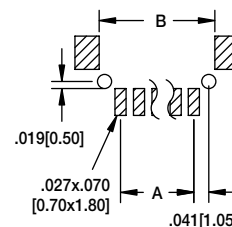
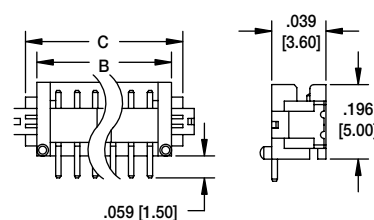
Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .065 [1.65]
C=.049 [1.25] X No. of Positions + .124 [3.15]

Recommended
PCB Layout

125SH-C-XX-TR-SMT 1.25mm RIGHT ANGLE SMT HEADER



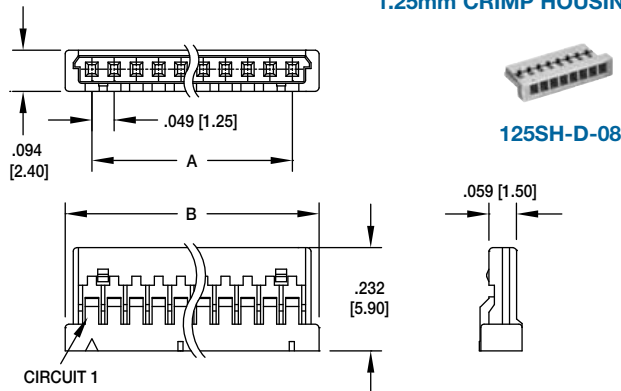
125SH-C-08-TR-SMT



Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .065 [1.65]
C=.049 [1.25] X No. of Positions + .124 [3.15]

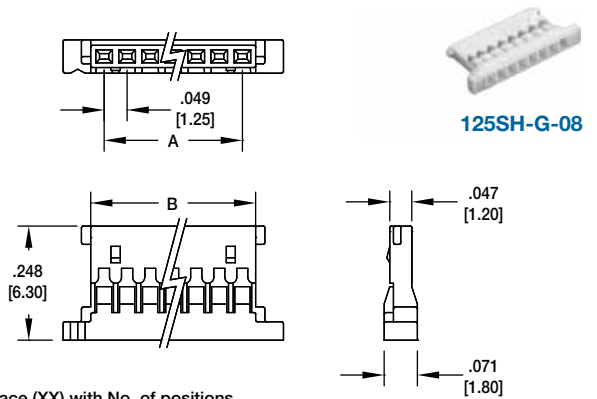
Recommended
PCB Layout

125CH-D-XX 1.25mm CRIMP HOUSING



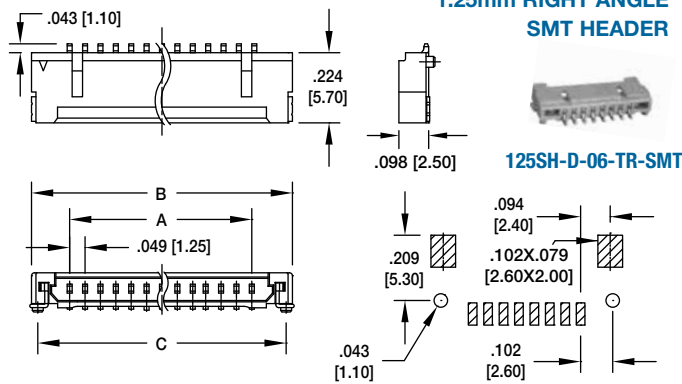
Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .077 [1.95]

125CH-G 1.25mm CRIMP HOUSING



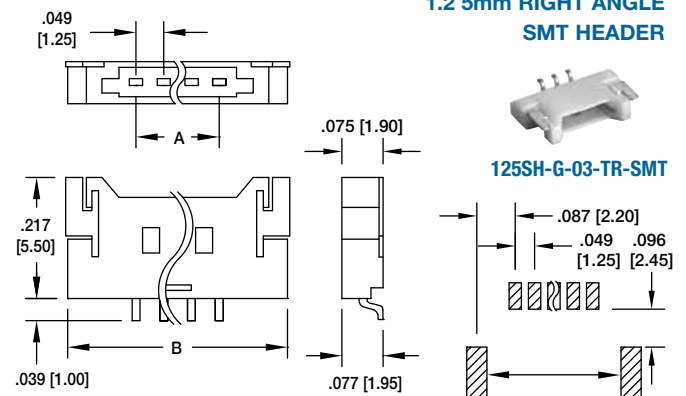
Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .057 [1.45]

125SH-D-XX-TR-SMT 1.25mm RIGHT ANGLE SMT HEADER



Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .244 [6.20]
C=.049 [1.25] X No. of Positions + .205 [5.20]

125SH-G-XX-TR-SMT 1.25mm RIGHT ANGLE SMT HEADER



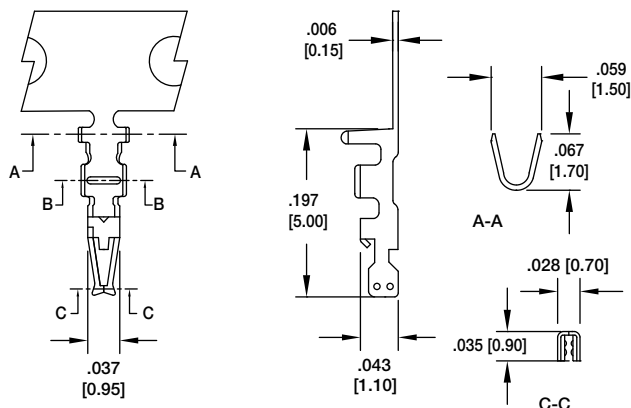
Replace (XX) with No. of positions
A=.049 [1.25] X No. of Positions -1
B=.049 [1.25] X No. of Positions + .252 [6.40]



125CTD-R

125CTD-R 1.25mm CRIMP TERMINAL

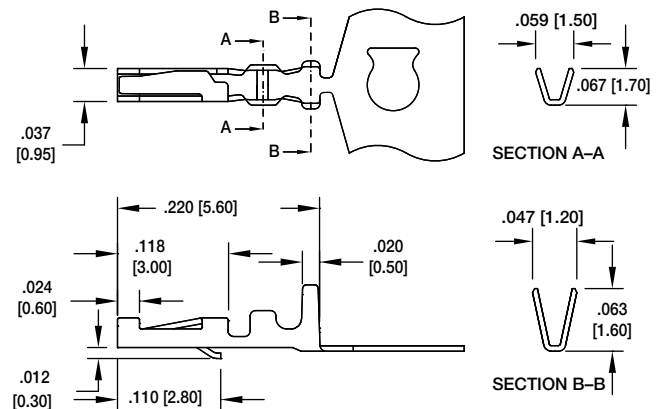
Recommended wire size 28-32 awg.



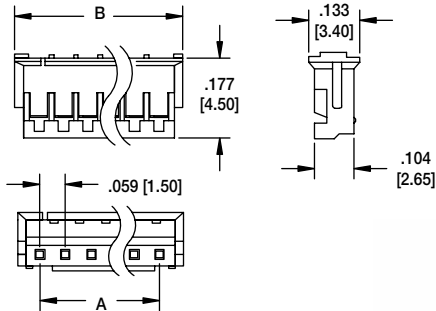
125CTG-R

125CTG-X-R 1.25mm CRIMP TERMINAL

Recommended wire size 28-32 awg.



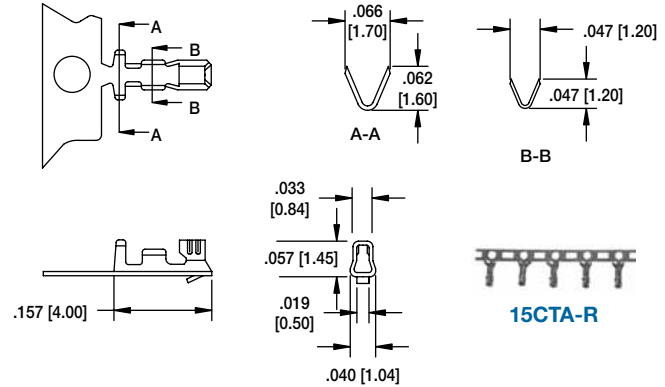
15CH-A-XX 1.5mm CRIMP HOUSING



15CH-A-10

Replace (XX) with No. of positions
A=.059 [1.50] X No. of Positions -1
B=.059 [1.50] X No. of Positions + .059 [1.50]

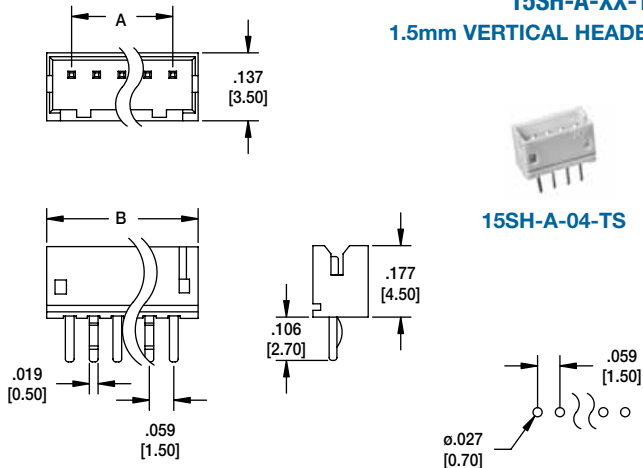
15CTA-R 1.5mm CRIMP TERMINAL



15CTA-R

Recommended wire size 26-30 awg.

15SH-A-XX-TS 1.5mm VERTICAL HEADER

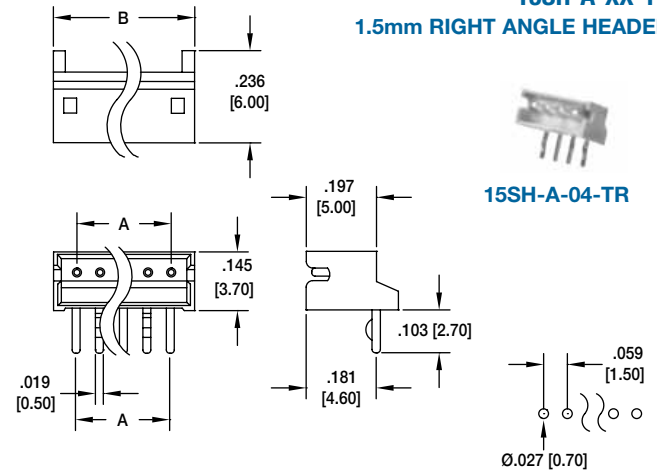


15SH-A-04-TS

Replace (XX) with No. of positions
A=.059 [1.50] X No. of Positions -1
B=.059 [1.50] X No. OF SPACES +.059 [1.50]

Recommended
PCB Layout

15SH-A-XX-TR 1.5mm RIGHT ANGLE HEADER

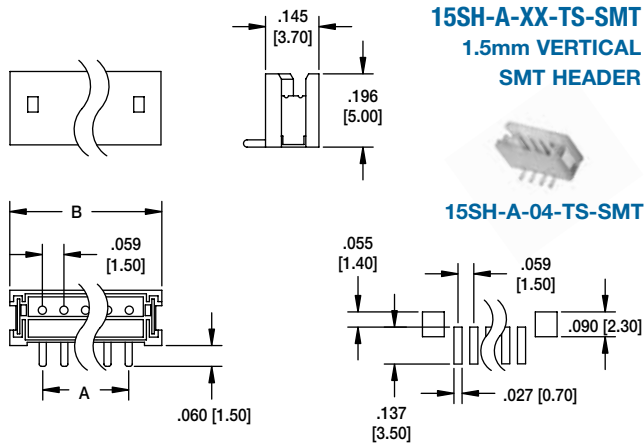


15SH-A-04-TR

Replace (XX) with No. of positions
A=.059 [1.50] X No. of Positions -1
B=.059 [1.50] X No. OF SPACES +.118 [3.00]

Recommended
PCB Layout

15SH-A-XX-TS-SMT 1.5mm VERTICAL SMT HEADER

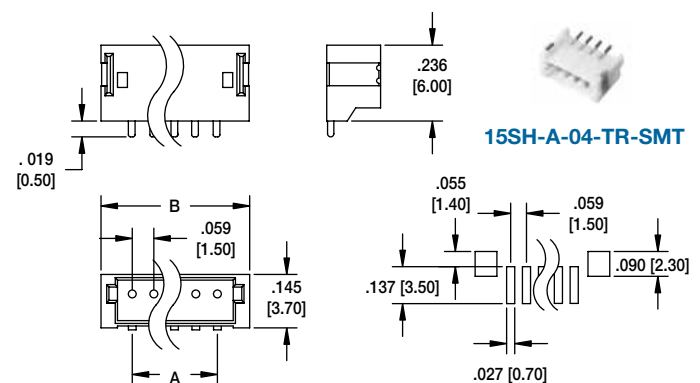


15SH-A-04-TS-SMT

Replace (XX) with No. of positions
A=.059 [1.50] X No. of Positions -1
C=.059 [1.50] X No. of Positions + .118 [3.00]

Recommended
PCB Layout

15SH-A-XX-TR-SMT 1.5mm RIGHT ANGLE SMT HEADER

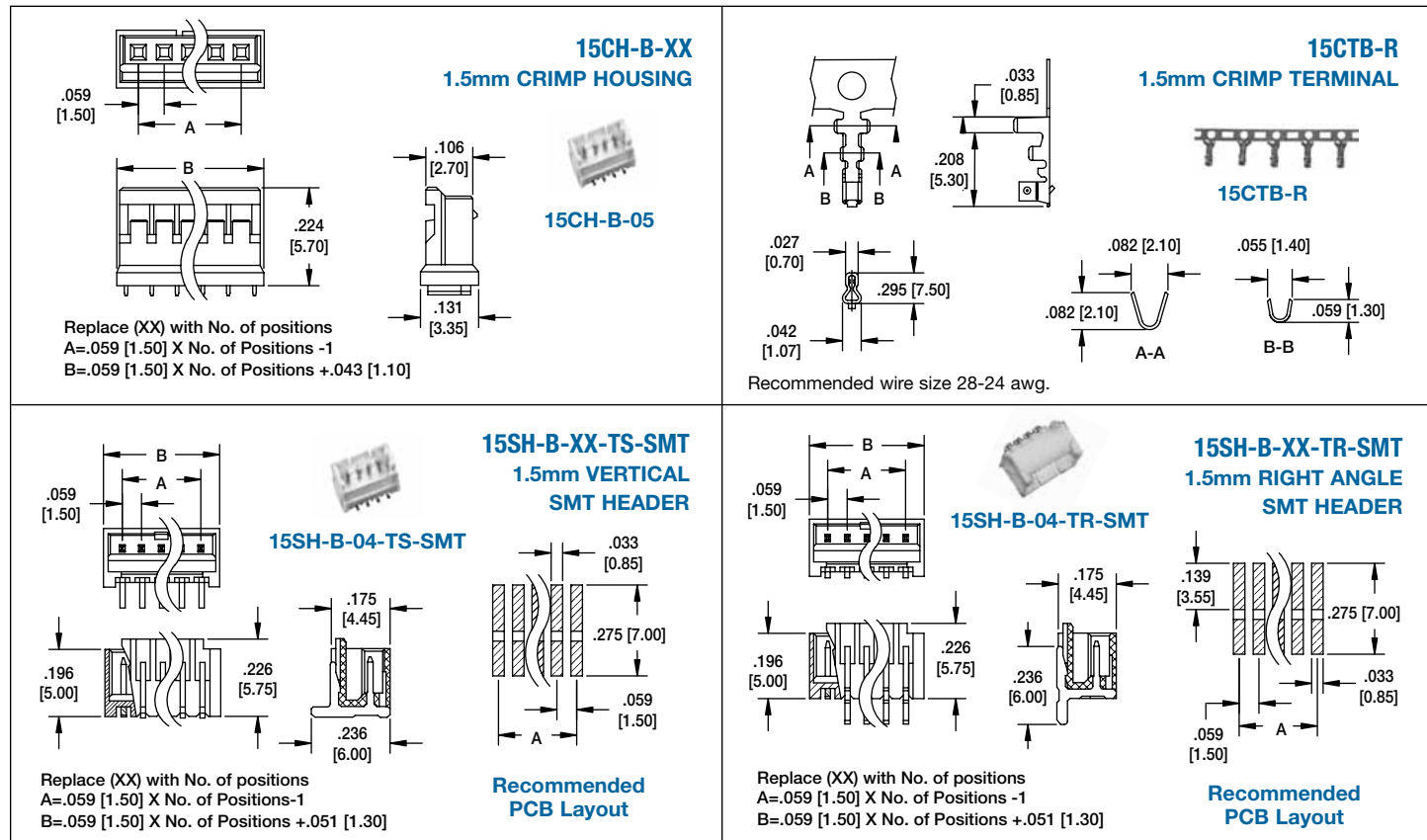


15SH-A-04-TR-SMT

Replace (XX) with No. of positions
A=.059 [1.50] X No. of Positions -1
C=.059 [1.50] X No. of Positions + .118 [3.00]

Recommended
PCB Layout

1.5mm TYPE B



2mm TYPE B

