HEADER & HOUSING SYSTEMS

.8mm, 1mm, 1.25mm, 1.5mm, 2mm & 2.5mm

2CH & 2SH SERIES

INTRODUCTION:
Adam Tech 2CH & 2SH 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 three 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 male and female mate

SPECIFICATIONS:

Material:

Insulator: PBT, glass reinforced, rated UL94V-0
Nylon 66, rated UL94V-0
Contacts: Brass

Plating:

Tin over copper underplate overall

Electrical:

Operating voltage: 100V AC max.
Current rating: 0.5 - 3 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: -55°C to +125°C

HI-TEMP INSULATOR AVAILABLE

SAFETY AGENCY APPROVALS:
UL Recognized File No. E224053
CSA Certified File No. LR1578596

RoHS COMPLIANT



ORDERING INFORMATION
CRIMP HOUSING

2CH | B | 04

SERIES INDICATOR
1CH = 1.00mm Single Row
125CH = 1.25mm Single Row
15CH = 1.50mm Single Row
2CH = 2.00mm Single Row
2CH2 = 2.0mm Dual Row
25CH = 2.50mm Single Row

TOTAL NO. OF POSITIONS
02 thru 25 (Body style A1)
04 thru 50 (Body style A2)
02 thru 15(Body styles A, B & C)

BODY STYLE
A = Body Style "A"
B = Body Style "B"
C = Body Style "C"

ORDERING INFORMATION
SHROUDED HEADER

2SH | B | 04 | TS

SERIES INDICATOR
08SH = 0.80mm Single Row
1SH = 1.00mm Single Row
125SH = 1.25mm Single Row
15SH = 1.50mm Single Row
2SH = 2.0mm Single Row
25SH = 2.50mm Single Row

BODY STYLE
A = Body Style "A"
B = Body Style "B"
C = Body Style "C"

POSITIONS
02 thru 25

PIN ANGLE
IDC = Pre-installed crimp contacts (08SH Type only)
TS = Straight PCB
TR = Right Angle PCB

ORDERING INFORMATION
CRIMP CONTACT

2CTA | R

SERIES INDICATOR
1CTA = 1.00mm Body Style "A" Contact
125CTA = 1.25mm Body Style "A" Contact
125CTB = 1.25mm Body Style "B" Contact
125CTC = 1.25mm Body Style "C" Contact
15CTA = 1.50mm Body Style "A" Contact
15CTB = 1.50mm Body Style "B" Contact
2CTB = 2.00mm Body Style "B" Contact
2CTC = 2.00mm Body Style "C" Contact
25CTB = 2.50mm Body Style "B" Contact
25CTC = 2.50mm Body Style "C" Contact

PACKAGING
R = 10,000 Piece Reel
B = 1,000 Piece Loose Cut

OPTIONS:
Add designator(s) to end of part number
SMT = Surface mount leads with Hi-Temp insolator