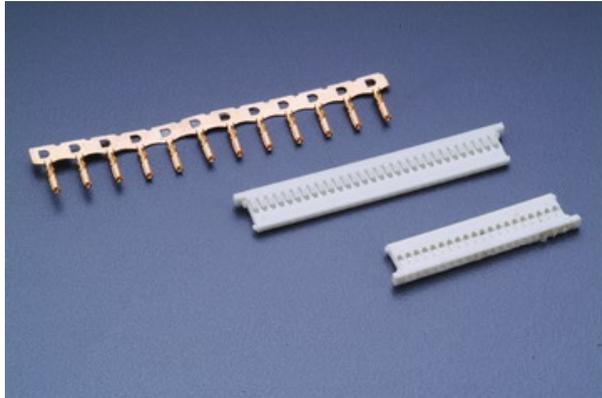


# M125AH SERIES

.049" (1.25mm) PITCH WIRE TO BOARD CONNECTOR



## Specifications

Current rating: 1A AC,DC

Voltage rating: 100V AC,DC

Temperature range: -25°C to +85°C  
(including temperature rise)

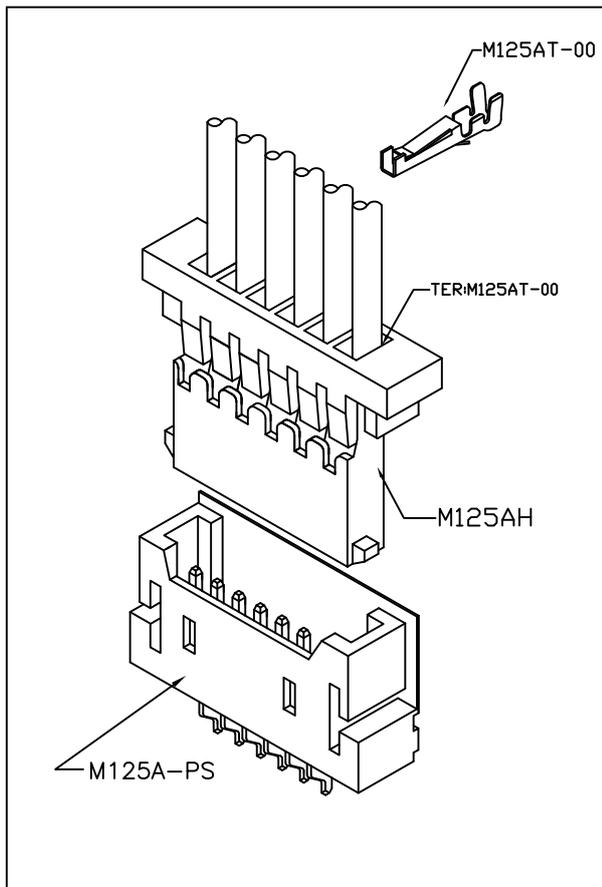
Contact resistance: Initial value/20mΩ Max.

After environmental testing/20mΩ Max.

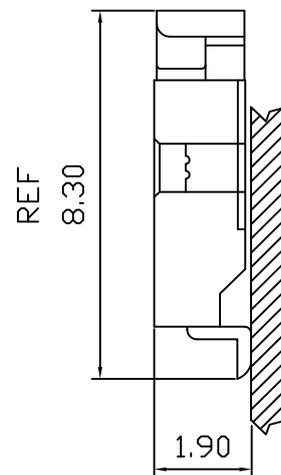
Insulation resistance: 500MΩ MIN.

Withstanding voltage: 500V AC/minute

Applicable wire: AWG#28-32



## Assembly layout



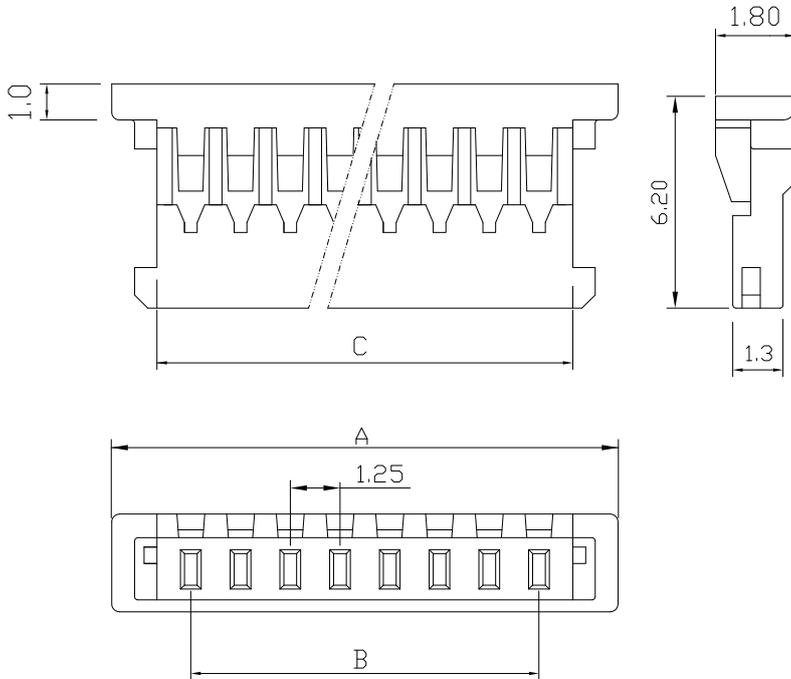
SMT TYPE

# M125AH .049" (1.25mm) PITCH HOUSING

Features:

unit:mm

- \* MAT'L: PBT UL94V-0
- \* MATES WITH: A125T SERIES TERMINAL
- \* ACCEPTS WITH: A125PR SERIES WAFER



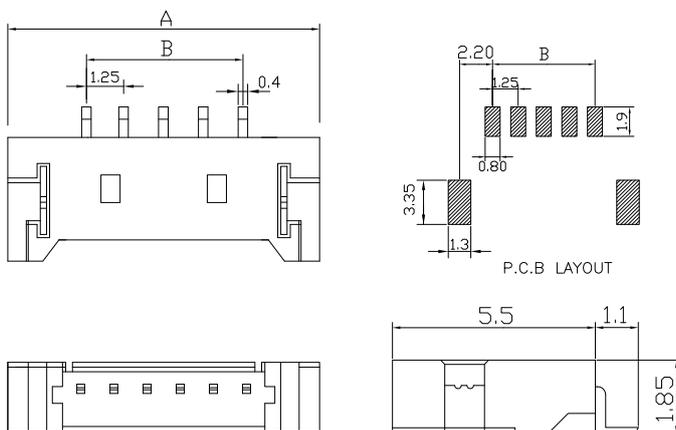
PART NO.	Dim A	Dim B	Dim C
M125AH-02	5.72	1.25	2.72
M125AH-03	6.97	2.50	3.97
M125AH-04	8.22	3.75	5.22
M125AH-05	9.47	5.00	6.47
M125AH-06	10.72	6.25	7.72
M125AH-07	11.97	7.50	8.97
M125AH-08	13.22	8.75	10.22
M125AH-09	14.47	10.00	11.47
M125AH-10	15.72	11.25	12.72
M125AH-11	16.97	12.5	13.97
M125AH-12	18.22	13.75	15.22
M125AH-14	20.72	16.25	17.72
M125AH-15	21.97	17.50	18.97
M125AH-20	28.22	23.75	25.22
M125AH-30	40.72	36.25	37.72

# M125A-PS .049" (1.25mm) PITCH Headers-Right Angle

Features:(SMT)

unit:mm

- \* MAT'L: BODY: NYLON P.P.S UL94V-0  
PINS: BRASS TIN PLATED
- \* MATES WITH: A125T SERIES TERMINAL
- \* ACCEPTS WITH: A125H SERIES HOUSING



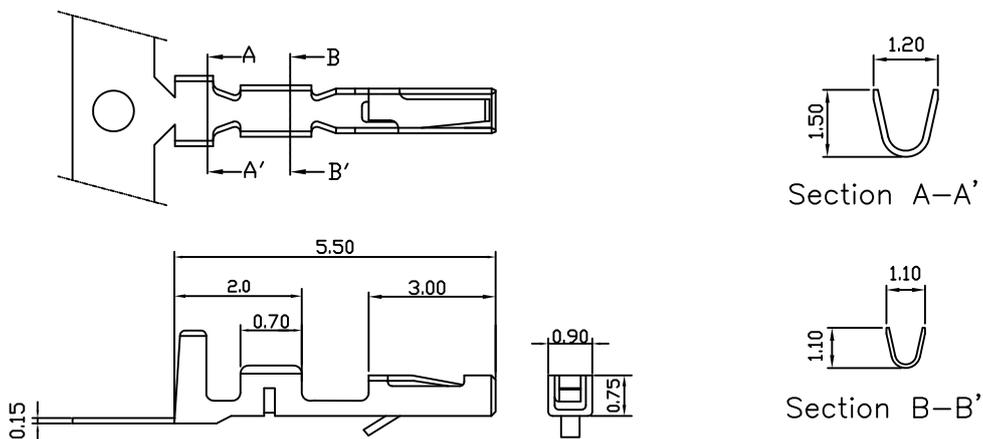
PART NO.	Dim A	Dim B	PCS/REEL
M125A-PS 02	5.72	1.25	1,000
M125A-PS 03	6.97	2.50	1,000
M125A-PS 05	9.47	5.00	1,000
M125A-PS 06	10.72	6.25	1,000
M125A-PS 07	11.97	7.50	1,000
M125A-PS 09	14.47	10.00	1,000
M125A-PS 14	20.72	16.25	1,000
M125A-PS 15	21.97	17.50	1,000
M125A-PS 20	28.22	23.75	1,000
M125A-PS 30	40.72	36.25	1,000

# M125AT-00 .049" (1.25mm) PITCH TERMINAL

Features:

unit:mm

- \* THICKNESS: 0.2mm
- \* MATES WITH: M125AH SERIES HOUSING
- \* ACCEPTS WITH: M125APS SERIES WAFER



PART NO.	WIRE RANGE	INSULATION O.D.	MATERIAL	FINISH	QTY/REEL
M125AT-00	AWG#28-30	ø0.9mm MAX	PHOSPHOR BRONZE	gold-plated	15,000