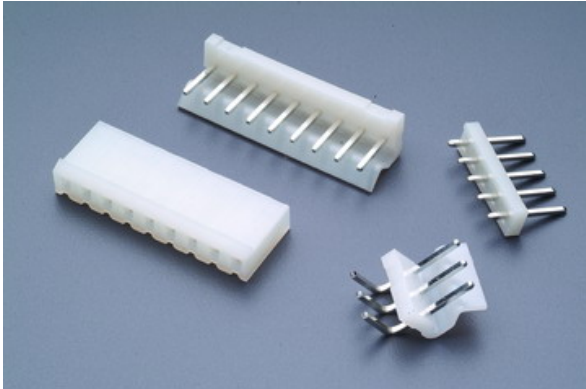


# 5080 SERIES

.200" (5.08mm) PITCH WIRE TO BOARD CONNECTOR



## Specifications

Current rating: 5A AC,DC

Voltage rating: 250V AC,DC

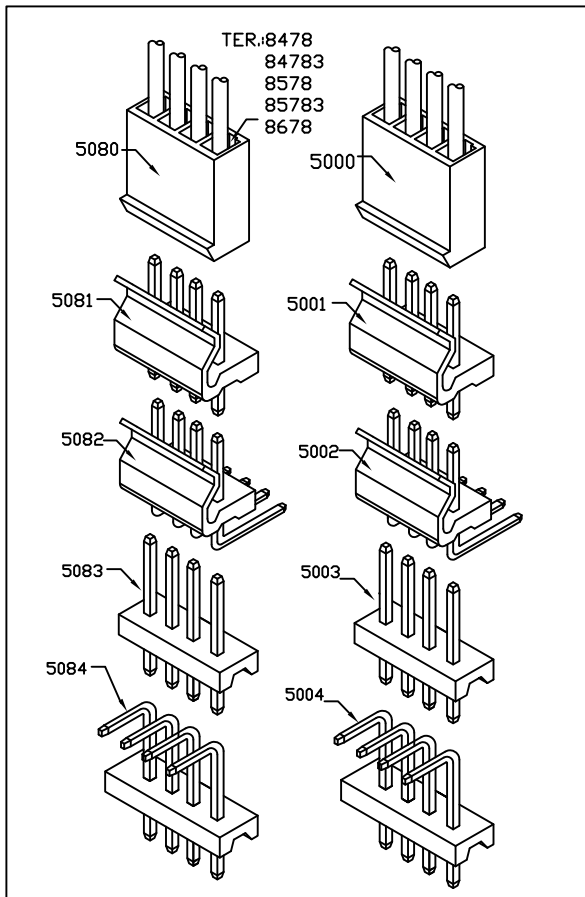
Temperature range: -25°C to +85°C  
(including temperature rise)

Contact resistance: Initial value/10mΩ Max.  
After environmental testing/10mΩ Max.

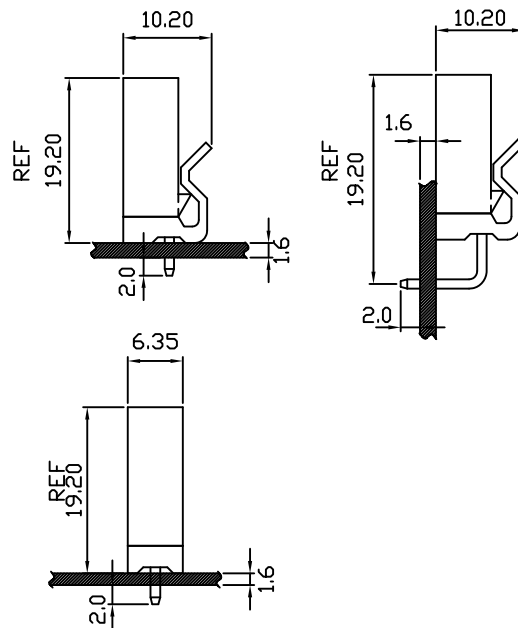
Insulation resistance: 500MΩ MIN.

Withstanding voltage: 1000V AC/minute

Applicable wire: AWG#18-22



## Assembly layout



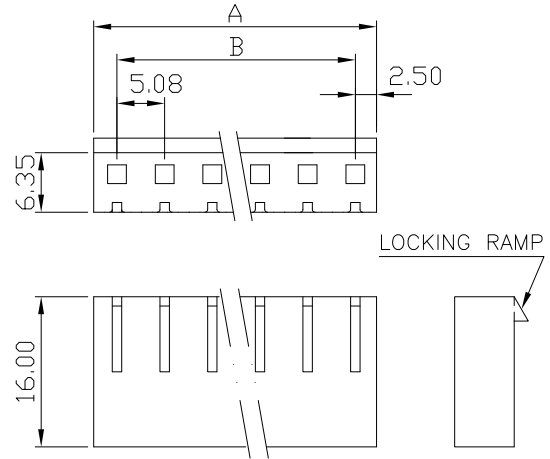
# 5080 .200" (5.08mm) CRIMP HOUSING

Features:

unit:mm

- \* NYLON 66 UL94V-2
- \* MATES WITH 8478 8578 8678 84783 85783 SERIES TERMINAL
- \* ACCEPTS WITH: 5081 5082 5083 5084 SERIES WAFER

MODEL NO	DIMENSIONS		MODEL NO	DIMENSIONS	
	A	B		A	B
5080-02	10.08	5.08	5080-09	45.64	40.64
5080-03	15.16	10.16	5080-10	50.72	45.72
5080-04	20.24	15.24	5080-11	55.80	50.80
5080-05	25.32	20.32	5080-12	60.88	55.88
5080-06	30.40	25.40	5080-13	65.96	60.96
5080-07	35.48	30.48	5080-14	71.04	66.04
5080-08	40.56	35.56	5080-15	76.12	71.12

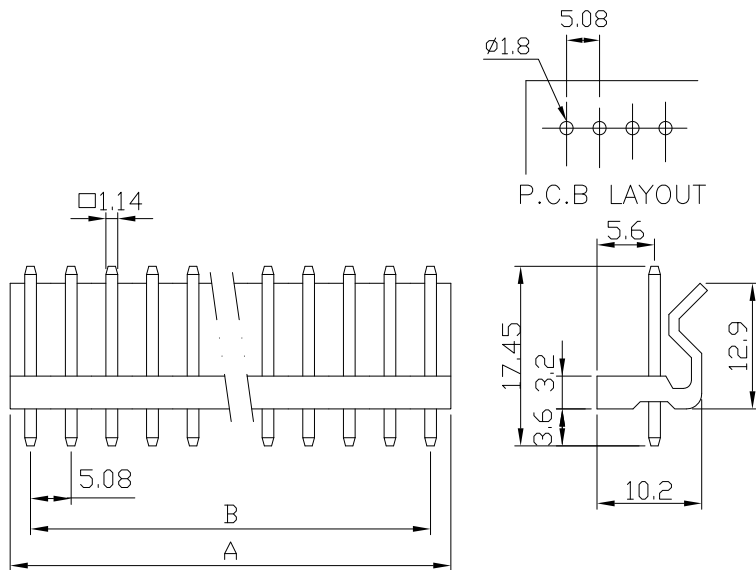


# 5081 .200" (5.08mm) PITCH Headers—Straight

Features:

unit:mm

- \* MAT'L: BODY: NYLON 66 UL 94V-2  
PINS: BRASS TIN PLATED
- \* MATES WITH 5080 SERIES HOUSING



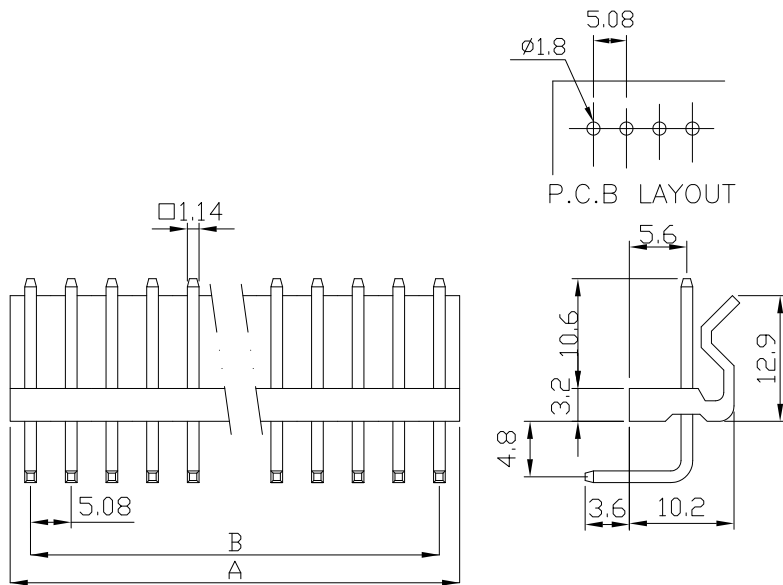
PART NO.	A	B
5081-02	10.16	5.08
5081-03	15.24	10.16
5081-04	20.32	15.24
5081-05	25.40	20.32
5081-06	30.48	25.40
5081-07	35.56	30.48
5081-08	40.64	35.56
5081-09	45.72	40.64
5081-10	50.80	45.72
5081-11	55.88	50.80
5081-12	60.96	55.88
5081-13	66.04	60.96
5081-14	71.12	66.04
5081-15	76.20	71.12

## 5082 .200" (5.08mm) PITCH Headers—Right Angle

unit:mm

Features:

- \* MAT'L: BODY: NYLON 66 UL 94V-2  
PINS: BRASS TIN PLATED
- \* MATES WITH 5080 SERIES HOUSING



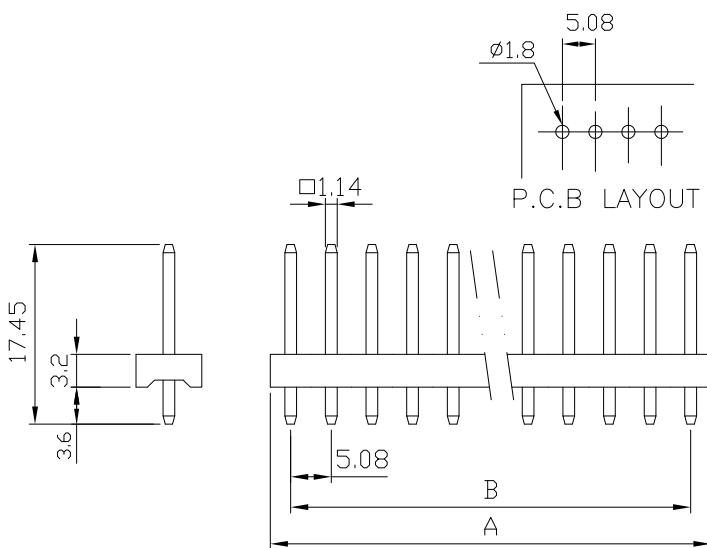
PART NO.	A	B
5082-02	10.16	5.08
5082-03	15.24	10.16
5082-04	20.32	15.24
5082-05	25.40	20.32
5082-06	30.48	25.40
5082-07	35.56	30.48
5082-08	40.64	35.56
5082-09	45.72	40.64
5082-10	50.80	45.72
5082-11	55.88	50.80
5082-12	60.96	55.88
5082-13	66.04	60.96
5082-14	71.12	66.04
5082-15	76.20	71.12

## 5083 .200" (5.08mm) PITCH Headers—Straight

unit:mm

Features:

- \* MAT'L: BODY: NYLON 66 UL 94V-2  
PINS: BRASS TIN PLATED
- \* MATES WITH 5080 SERIES HOUSING



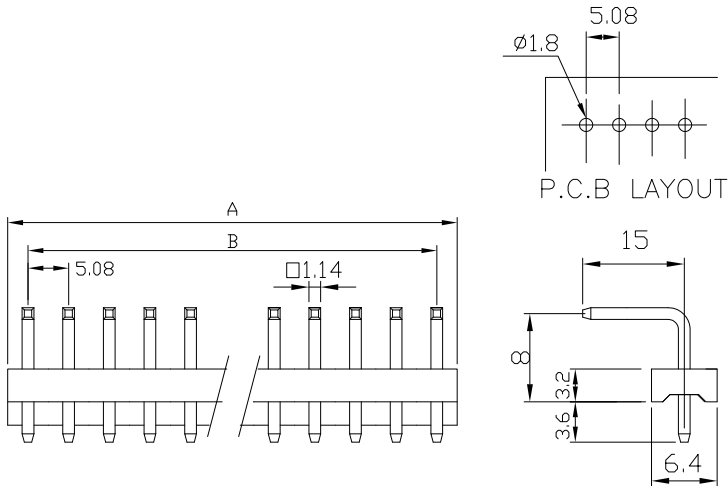
PART NO.	A	B
5083-02	10.16	5.08
5083-03	15.24	10.16
5083-04	20.32	15.24
5083-05	25.40	20.32
5083-06	30.48	25.40
5083-07	35.56	30.48
5083-08	40.64	35.56
5083-09	45.72	40.64
5083-10	50.80	45.72
5083-11	55.88	50.80
5083-12	60.96	55.88
5083-13	66.04	60.96
5083-14	71.12	66.04
5083-15	76.20	71.12

# 5084 .200" (5.08mm) PITCH Headers—Right Angle

Features:

unit:mm

- \* MAT'L: BODY: NYLON 66 UL 94V-2
- PINS: BRASS TIN PLATED
- \* MATES WITH 5080 SERIES HOUSING



PART NO.	A	B
5084-02	10.16	5.08
5084-03	15.24	10.16
5084-04	20.32	15.24
5084-05	25.40	20.32
5084-06	30.48	25.40
5084-07	35.56	30.48
5084-08	40.64	35.56
5084-09	45.72	40.64
5084-10	50.80	45.72
5084-11	55.88	50.80
5084-12	60.96	55.88
5084-13	66.04	60.96
5084-14	71.12	66.04
5084-15	76.20	71.12

# 5000 .197" (5.0mm) PITCH CRIMP HOUSING

Features:

unit:mm

- \* MAT'L: NYLON 66 UL94V-2
- \* MATES WITH 8478 SERIES TERMINAL
- \* ACCEPTS WITH: 5001 5002 5003 5004 SERIES WAFER

MODEL NO	DIMENSIONS		MODEL NO	DIMENSIONS	
	A	B		A	B
5000-02	10.0	5.00	5000-09	45.0	40.0
5000-03	15.0	10.00	5000-10	50.0	45.0
5000-04	20.0	15.00	5000-11	55.0	50.0
5000-05	25.0	20.00	5000-12	60.0	55.0
5000-06	30.0	25.00	5000-13	65.0	60.0
5000-07	35.0	30.00	5000-14	70.0	65.0
5000-08	40.0	35.00	5000-15	75.0	70.0

