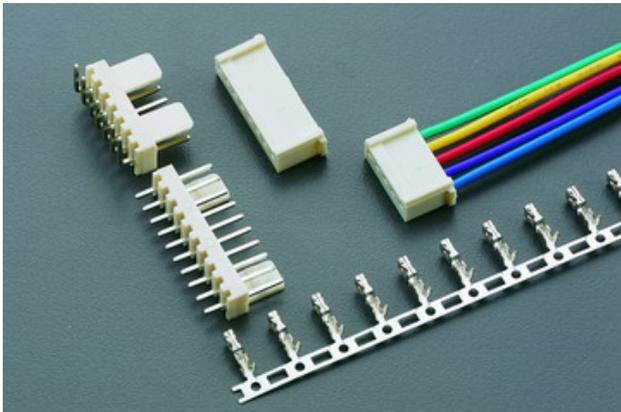


250H SERIES

.098" (2.5mm) PITCH WIRE TO BOARD CONNECTOR



Specifications

Current rating: 5A AC,DC

Voltage rating: 250V AC,DC

Temperature range: -25°C to $+85^{\circ}\text{C}$
(including temperature rise)

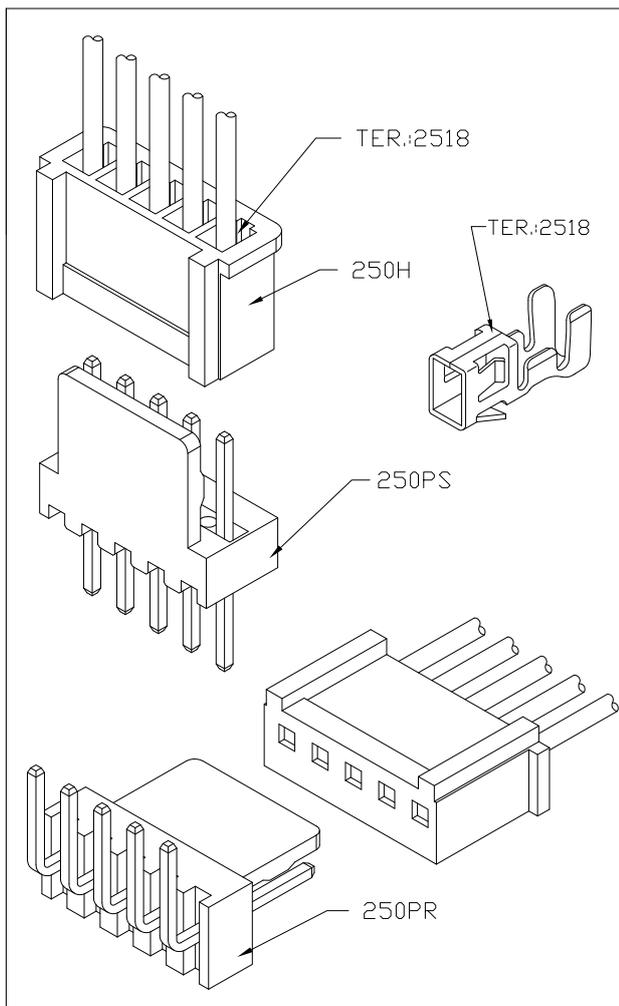
Contact resistance: Initial value/10m Ω Max.

After environmental testing/20m Ω Max.

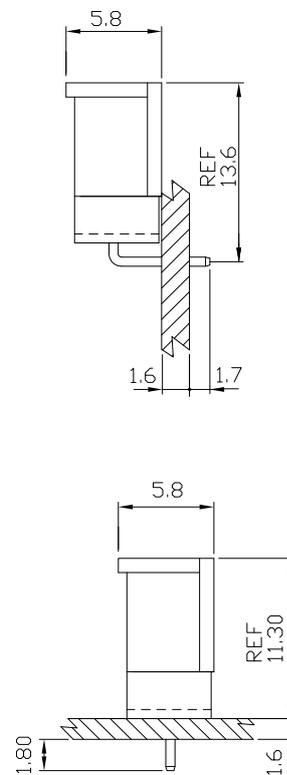
Insulation resistance: 500M Ω MIN.

Withstanding voltage: 1000V AC/minute

Applicable wire: AWG#22-30



Assembly layout

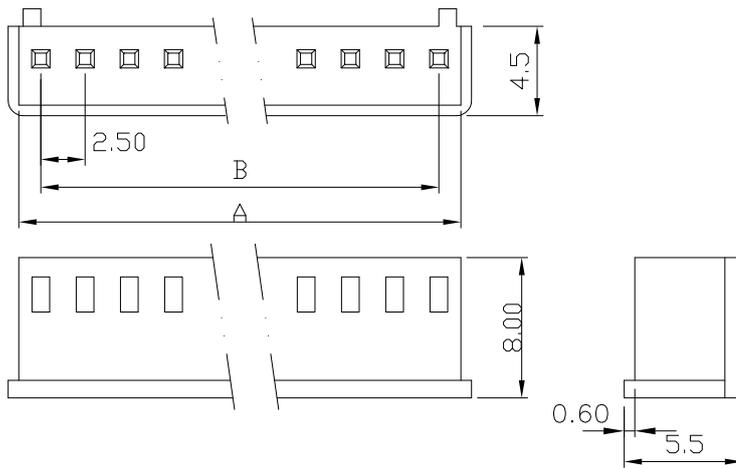


250H .098" (2.5mm) PITCH CRIMP HOUSING

Features:

unit:mm

- * MAT'L: NYLON 66 UL94V-0
- * MATES WITH: 2518 SERIES TERMINAL
- * ACCEPTS WITH: 0.64mm(0.25") ROUND OR SQUARE PIN
- * ACCEPTS WITH: 250PS & 250PR & 250PRS
SERIES WAFER



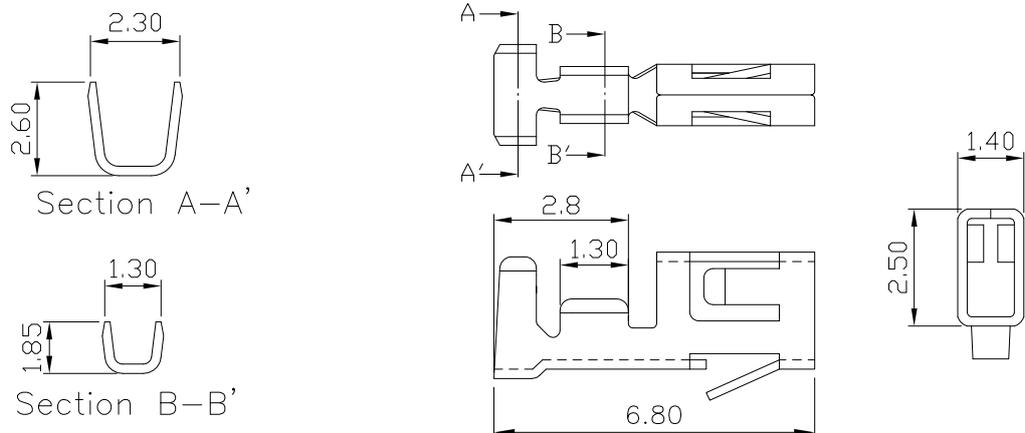
PART NO.	A	B
250H-02	5.5	2.5
250H-03	8.0	5.0
250H-04	10.5	7.5
250H-05	13.1	10.0
250H-06	15.5	12.5
250H-07	18.0	15.0
250H-08	20.5	17.5
250H-09	23.0	20.0
250H-10	25.5	22.5
250H-11	28.0	25.0
250H-12	30.5	27.5
250H-13	33.0	30.0
250H-14	35.5	32.5
250H-15	38.0	35.0
250H-16	40.5	37.5
250H-17	43.0	40.0
250H-18	45.5	42.5
250H-19	48.0	45.0
250H-20	50.5	47.5

2518 .098" (2.5mm) PITCH CRIMP TERMINAL

Features:

unit:mm

- * THICKNESS: 0.2mm
- * MAT'L: PHOSPHOR BRONZE OR BRASS TIN PLATED
- * MATES WITH: 250H SERIES HOUSING
- * ACCEPTS WITH: 0.64mm(0.25") ROUND OR SQUARE PIN



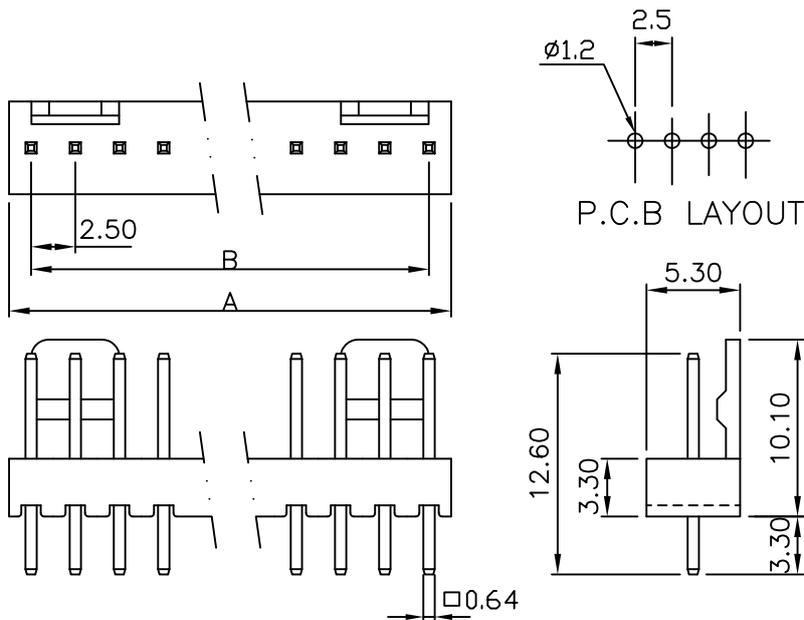
PART NO.	WIRE RANGE	INSULATION O.D.	MATERIAL	FINISH	QTY/REEL
2518P	AWG#22-30	ø1.75mm MAX	PHOSPHOR BRONZE	Tin-plated	10,000
2518	AWG#22-30	ø1.75mm MAX	BRASS	Tin-plated	10,000

250PS .098" (2.5mm) PITCH Headers—Straight

Features:

unit:mm

- * MAT'L: BODY: NYLON 66 UL94V-0
PINS: BRASS TIN PLATED
- * MATES WITH: 2518 SERIES TERMINAL
- * ACCEPTS WITH: 250H SERIES HOUSING



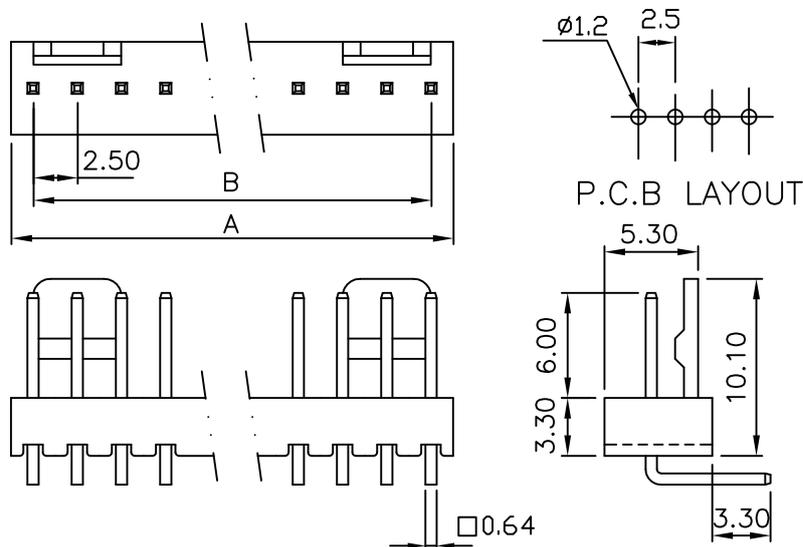
PART NO.	A	B
250PS-02	5.0	2.5
250PS-03	7.5	5.0
250PS-04	10.0	7.5
250PS-05	12.5	10.0
250PS-06	15.0	12.5
250PS-07	17.5	15.0
250PS-08	20.0	17.5
250PS-09	22.5	20.0
250PS-10	25.0	22.5
250PS-11	27.5	25.0
250PS-12	30.0	27.5
250PS-13	32.5	30.0
250PS-14	35.0	32.5
250PS-15	37.5	35.0
250PS-16	40.0	37.5
250PS-17	42.5	40.0
250PS-18	45.0	42.5
250PS-19	47.5	45.0
250PS-20	50.0	47.5

250PR .098" (2.5mm) PITCH Headers—Right Angle

Features:

unit:mm

- * MAT'L: BODY: NYLON 66 UL94V-0
PINS: BRASS TIN PLATED
- * MATES WITH: 2518 SERIES TERMINAL
- * ACCEPTS WITH: 250H SERIES HOUSING



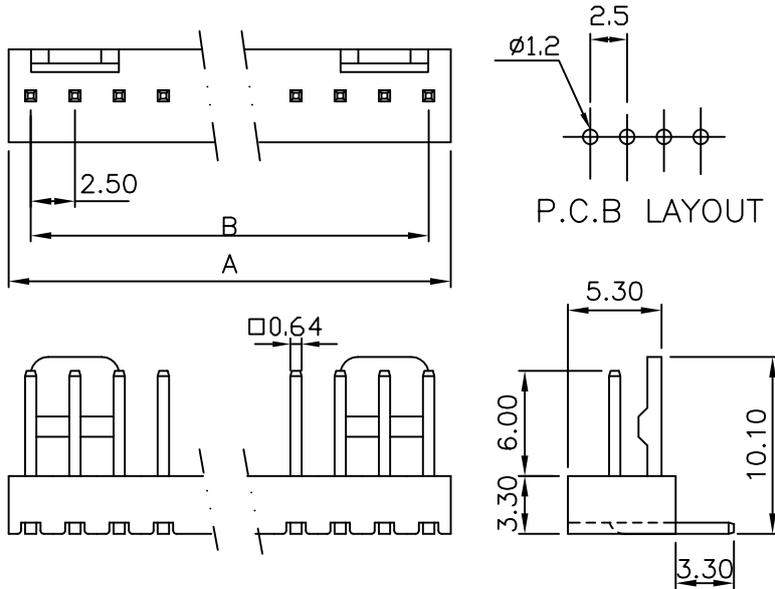
PART NO.	A	B
250PR-02	5.0	2.5
250PR-03	7.5	5.0
250PR-04	10.0	7.5
250PR-05	12.5	10.0
250PR-06	15.0	12.5
250PR-07	17.5	15.0
250PR-08	20.0	17.5
250PR-09	22.5	20.0
250PR-10	25.0	22.5
250PR-11	27.5	25.0
250PR-12	30.0	27.5
250PR-13	32.5	30.0
250PR-14	35.0	32.5
250PR-15	37.5	35.0
250PR-16	40.0	37.5
250PR-17	42.5	40.0
250PR-18	45.0	42.5
250PR-19	47.5	45.0
250PR-20	50.0	47.5

250PRS .098" (2.5mm) PITCH Headers—Right Angle

Features:

unit:mm

- * MAT'L: BODY: NYLON 66 UL94V-0
PINS: BRASS TIN PLATED
- * MATES WITH: 2518 SERIES TERMINAL
- * ACCEPTS WITH: 250H SERIES HOUSING



PART NO.	A	B
250PRS-02	5.0	2.5
250PRS-03	7.5	5.0
250PRS-04	10.0	7.5
250PRS-05	12.5	10.0
250PRS-06	15.0	12.5
250PRS-07	17.5	15.0
250PRS-08	20.0	17.5
250PRS-09	22.5	20.0
250PRS-10	25.0	22.5
250PRS-11	27.5	25.0
250PRS-12	30.0	27.5
250PRS-13	32.5	30.0
250PRS-14	35.0	32.5
250PRS-15	37.5	35.0
250PRS-16	40.0	37.5
250PRS-17	42.5	40.0
250PRS-18	45.0	42.5
250PRS-19	47.5	45.0
250PRS-20	50.0	47.5