

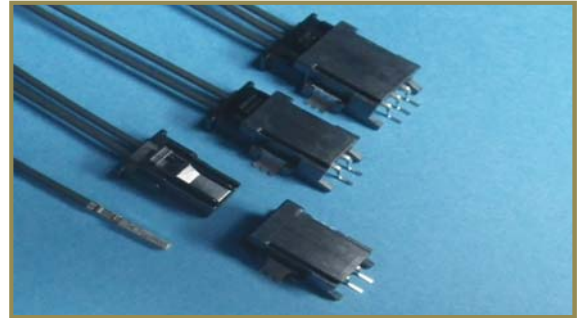
KA01 SERIES

Specification

- Pitch : 2.0 mm
- PCB Mounting : Horizontal, SMT
- Pin Count : 2, 3, 4, 6 pin
- Applied Cable : AWG #20 ~ AWG #24
- Material
 - Terminal : Heat Resistance Copper Alloy (Tin Plating)
 - Housing : PBT (UL94HB)
 - Pin-Block : 9T Nylon (UL94HB)
 - Contact : Copper Alloy (Tin Plating)
- Temperature Range : -40°C ~ +125°C
- Rated Current : Max. 3A
- Withstand Voltage : AC1000V r.m.s. / min.
- Insulation Resistance : Over 100MΩ

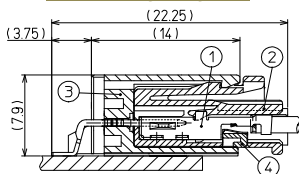
2.0mm Pitch PCB Connector for Automotive

2.0mm pitch KA01 Series are designed for PCB use at Automotive market. Double locking system was adopted at "Side retainer". Mechanical performance and workability was upgraded.

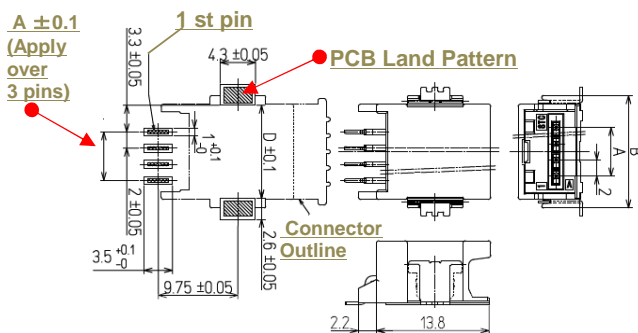


Will be released after July-2014 (Photo are Prototype.)

Assembly Layout



Pin-Block

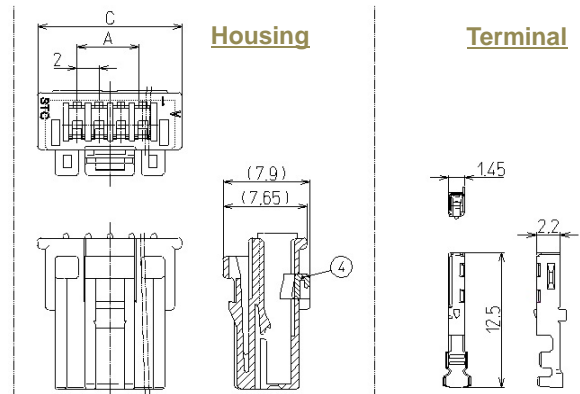


Recommended PCB mounting Layout

Components

No.	Parts Name	P/No.	Remarks
①	Terminal	KA01C6-020A	AWG #20 ~ #24 (Ins. Dia ; Φ1.7 Max)
②	Housing	KA01A6-nnB0	④ Include Retainer
③	Pin-Block (Right Angle)	KA01A3-nnBA	Connector P/No. (A3)
		KA01T3-nnBA	Embossed P/No. (T3)

※ "nn" stands for pin



Measurement

Symbol/Pin	2	3	4	6
A	2.0	4.0	6.0	10.0
B	9.9	11.9	13.9	17.9
C	9.2	11.2	13.2	17.9
D	7.5	9.5	11.5	15.5

- ※ Please contact our sales in advance for pin count, before using.
- ※ Able to correspond for any specification changes in increasing pin count, shapes and others. Please feel free to contact us.

Connector Maker



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