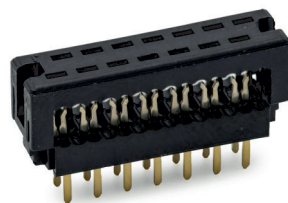


General specifications

Insulator material	PBT w/ glass fiber, UL94V-0
Contact material	Copper alloy
Current rating	1 A
Voltage rating	500 V AC/DC
Contact resistance	30 mΩ max.
Insulator resistance	3000 MΩ min.
Operating temperature	-40 °C to +105 °C
Wire range	AWG 26 to 28
Soldering	Lead free wave soldering process

Mating parts series

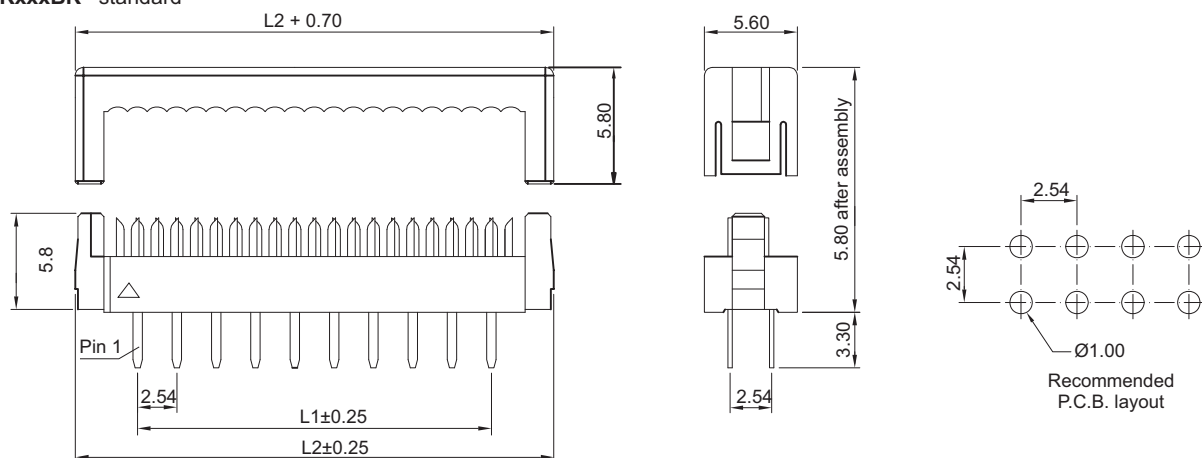


RoHS
compliant

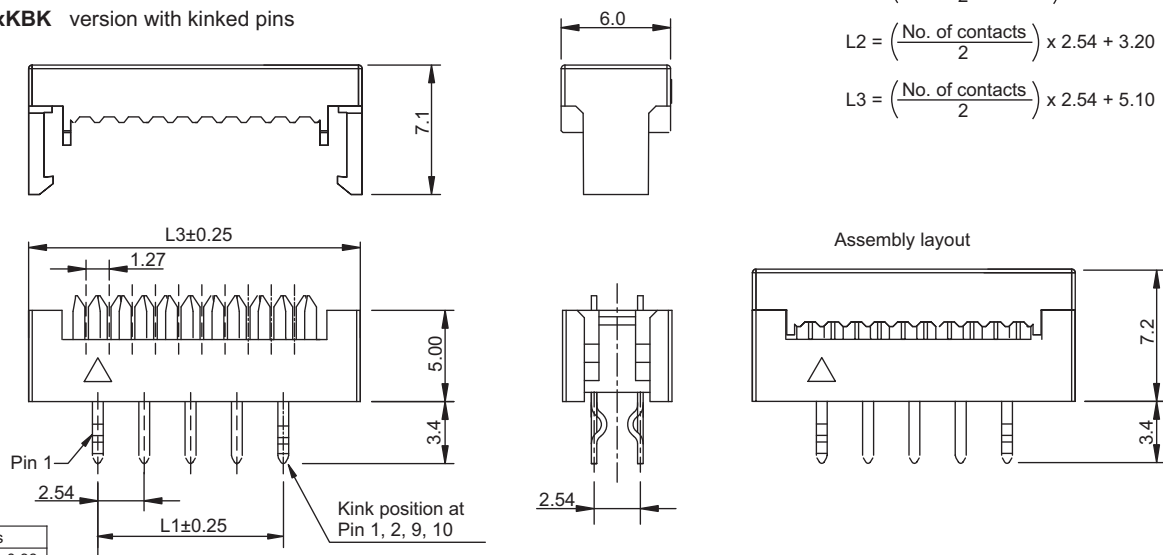
Mechanical dimensions

Unit: mm

1694KxxxBK standard



1694KxxxKBK version with kinked pins



$$L1 = \left(\frac{\text{No. of contacts}}{2} - 1 \right) \times 2.54$$

$$L2 = \left(\frac{\text{No. of contacts}}{2} \right) \times 2.54 + 3.20$$

$$L3 = \left(\frac{\text{No. of contacts}}{2} \right) \times 2.54 + 5.10$$

Tolerances	
Linear	.X ± 0.38
	.XX ± 0.25

Part numbering guide

1694 K	08	M		BK
Series K = IDC male	No. of contacts 08 to 64	Contact plating M = Duplex plating tin/flashgold* B = Flashgold T = Tin	Option kinked pins K = w/ kinked pins	Housing color BK = Black* GY = Grey

* standard

