

General specifications

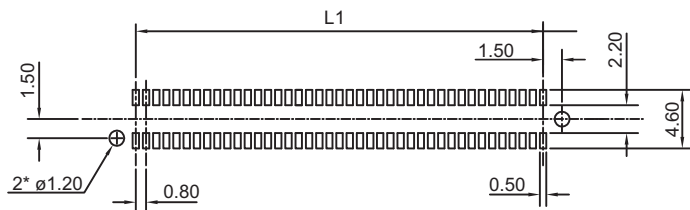
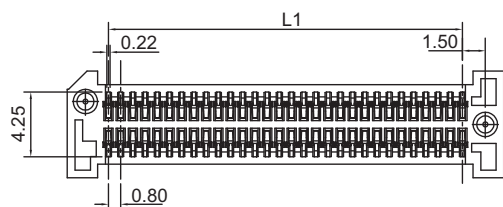
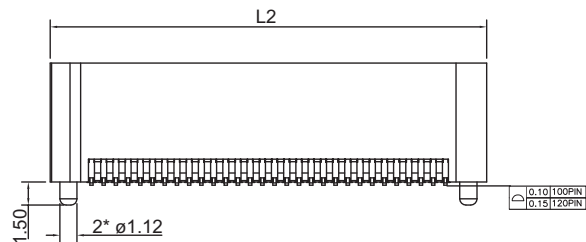
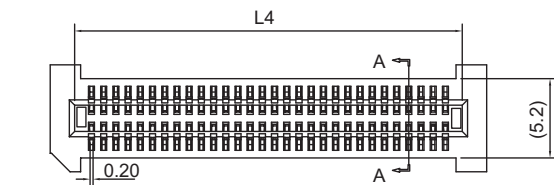
Insulator material	High temperature thermoplastic UL94V-0, color: black
Contact material	Copper alloy (phosphore bronze)
Current rating	1.5 A
Contact resistance	40 mΩ max.
Insulator resistance	1000 MΩ min.
Dielectrical withstanding	500 VAC for 1 min
Operating temperature	-55 °C to +125 °C
Durability	50 cycles
Soldering	JEDEC lead free reflow soldering process

Mating parts series

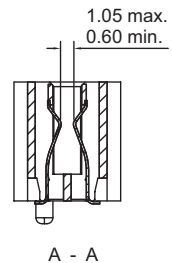
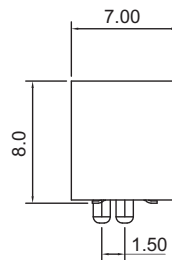


Mechanical dimensions

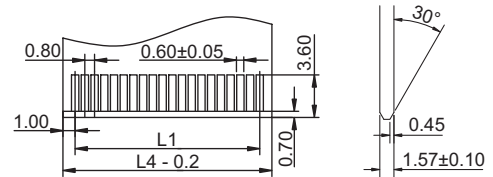
Unit: mm



Recommended P.C.B. layout
top view, tolerance ± 0.05



Contacts	Dim.L1	Dim.L2	Dim.L4
40	15.20	20.60	17.40
50	19.20	24.60	21.40
60	23.20	28.60	25.40



Daughter card requirements

Tolerances		
Linear	X.	± 0.50
	.X	± 0.25
	.XX	± 0.15
	.XXX	± 0.10

continued on page 2

Part numbering guide

5052 V

Series
V = SMT vertical

040

No. of contacts
40, 60, 100,
160, 200

J

Contact plating
B = Flashgold
D = 5 μ " gold
E = 10 μ " gold
J = 30 μ " gold*

R

Packing
R = Reel*
T = Tube

* standard



Mechanical dimensions

Unit: mm

