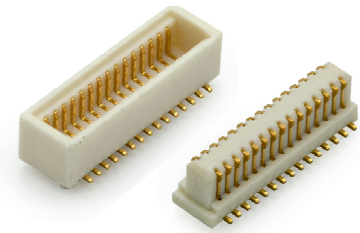


General specifications

Insulator material	Nylon 46, UL94V-0, color: white
Contact material	Phosphor bronze
Current rating	0.5 A
Voltage rating	100 V AC/DC
Contact resistance	40 mΩ max.
Insulator resistance	100 MΩ min.
Dielectrical withstanding	500 VAC for 1 min
Operating temperature	-40 °C to +105 °C
Soldering	JEDEC lead free reflow soldering process

Mating parts series

1080R, 1080M mates with 1080F

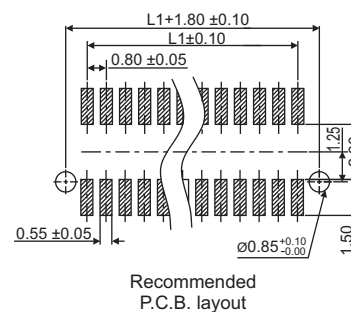
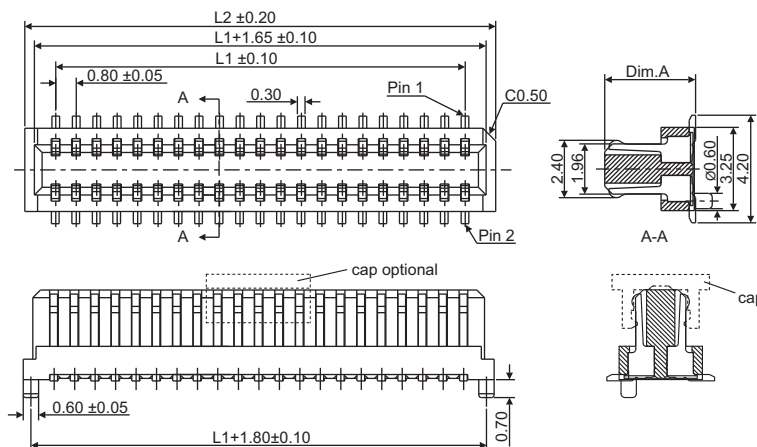


RoHS
compliant

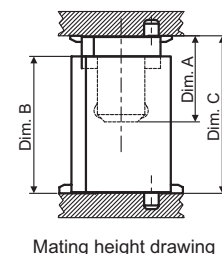
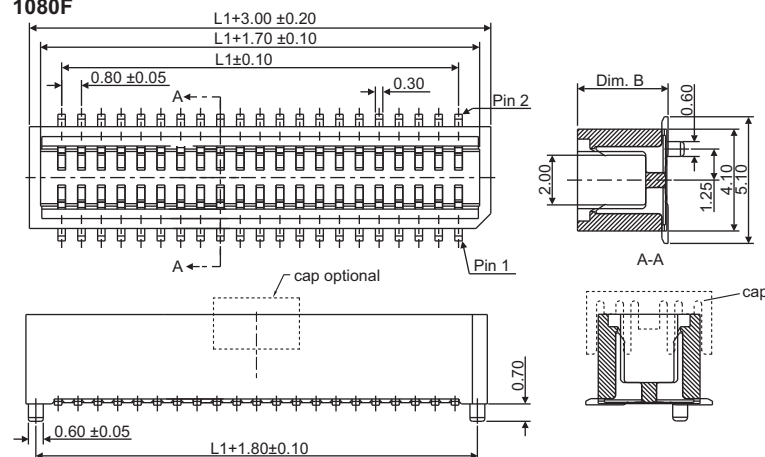
Mechanical dimensions

Unit: mm

1080M



1080F



Mating height variations		
1080M	1080F	Mating height
Dim. A	Dim. B	Dim. C
3.55	3.65	4.50
3.55	4.15	5.00
4.05	4.15	5.50
3.55	5.15	6.00
3.55	5.65	6.50
4.05	5.65	7.00

Tolerances		
Linear	.X	± 0.20
	.XX	± 0.15

$$L1 = \left(\frac{\text{No. of contacts}}{2} - 1 \right) \times 0.80$$

$$L2 = \left(\frac{\text{No. of contacts}}{2} \right) \times 0.80 + 1.60$$

Part numbering guide

1080 F	10	B	355	R	
Series F = SMT female M = SMT male	No. of contacts 10 to 40 50, 60, 68, 70, 80, 90, 100	Contact plating B = Flashgold	1080M Dim. A 355 = 3.55 mm 405 = 4.05 mm	1080F Dim. B 365 = 3.65 mm 415 = 4.15 mm 515 = 5.15 mm 565 = 5.65 mm	Packing R = Reel T = Tube
					Option cap C = w/ cap

* standard

