

5024 Series

SMT M.2 Socket 75 Pin, B-Type

General specifications

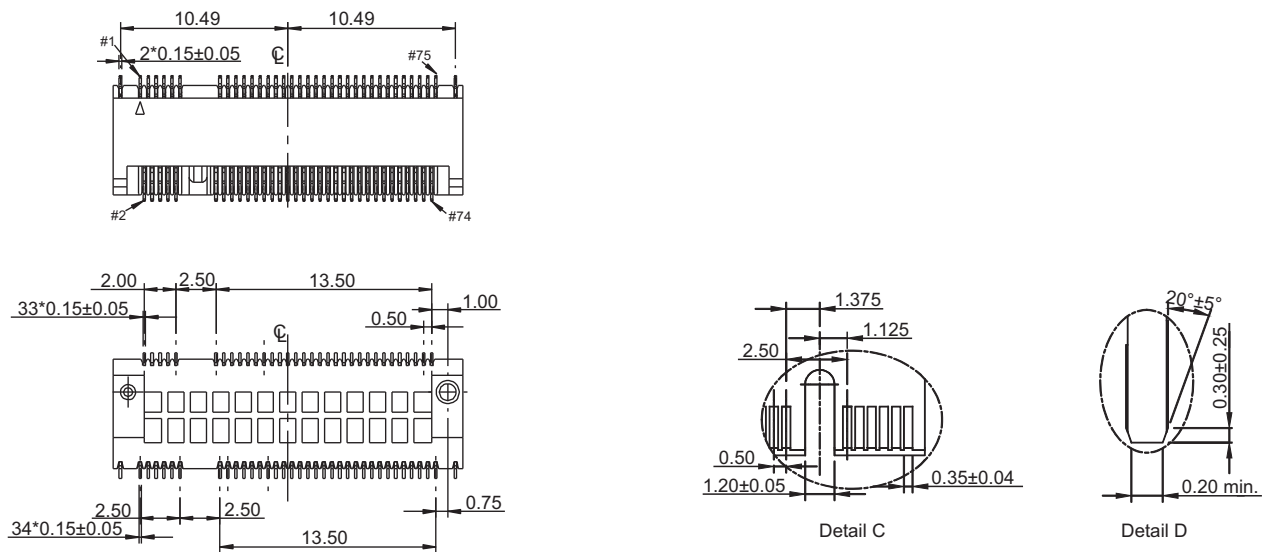
Insulator material	LCP, UL94V-0
Contact material	Copper alloy, plating: gold over nickel
Current rating	0.5 A
Voltage rating	35 V
Contact resistance	50 mΩ max.
Insulator resistance	500 MΩ min.
Dielectrical withstanding	200 VAC for 1 min
Operating temperature	-40 °C to +80 °C
Soldering	JEDEC lead free reflow soldering process

Mating parts series

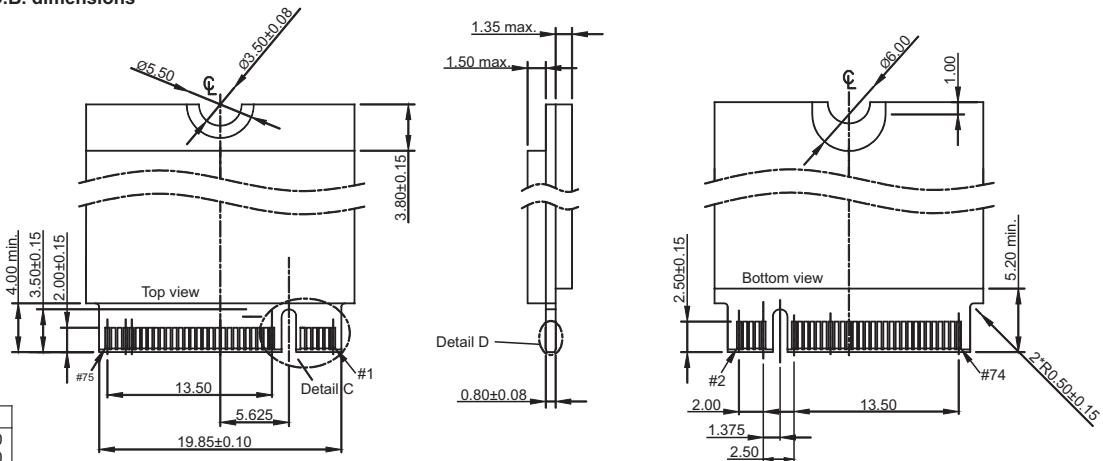


Mechanical dimensions

Unit: mm



Mating P.C.B. dimensions



Tolerances		
Linear	X.	± 0.30
	X	± 0.20
	.XX	± 0.10

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Part numbering guide

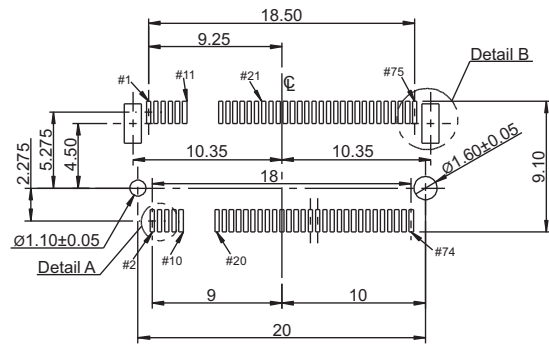
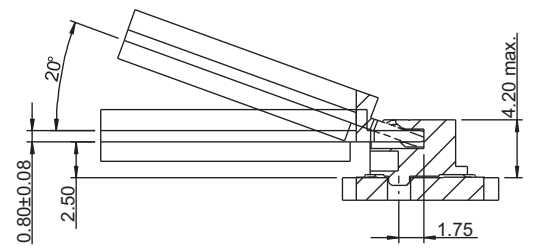
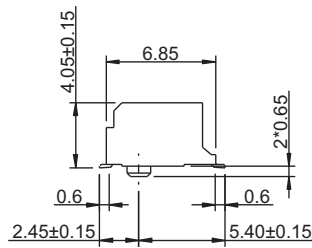
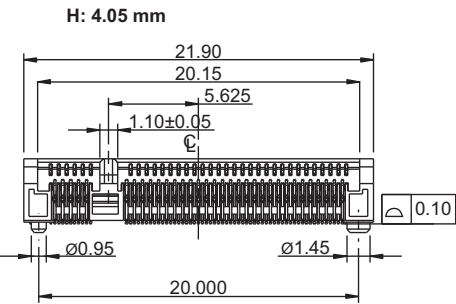
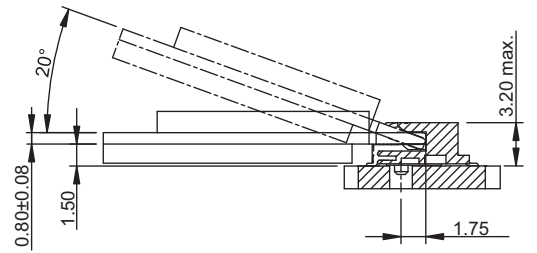
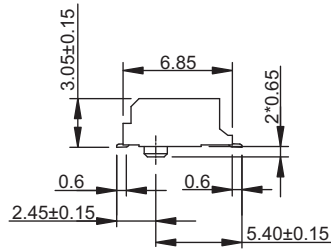
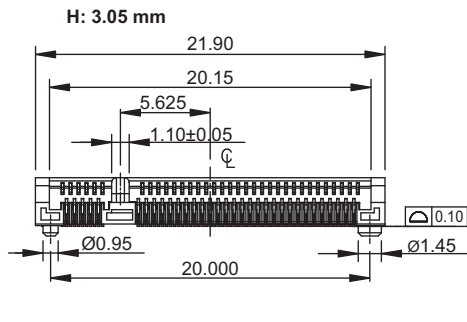
5024 B	B	32	R
Series B = Pins 1-11, 20-75	Contact plating B = Flashgold	Height H 32 = 3.05 mm * 42 = 4.05 mm * 85 = 8.50 mm	Packing R = Reel

* standard

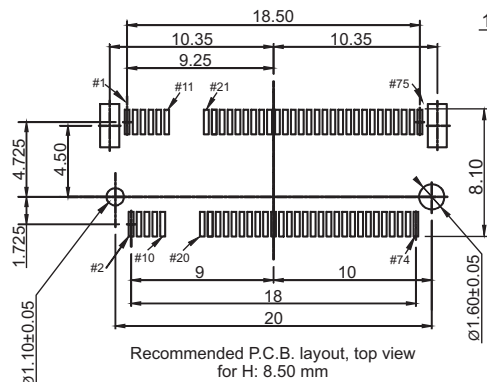
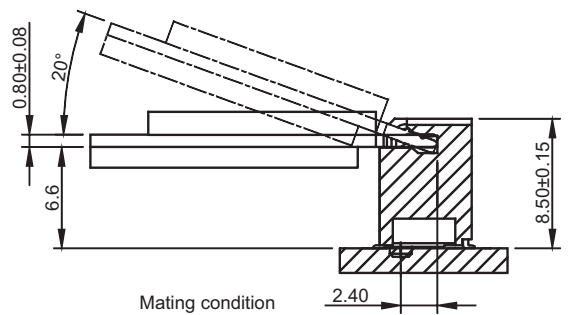
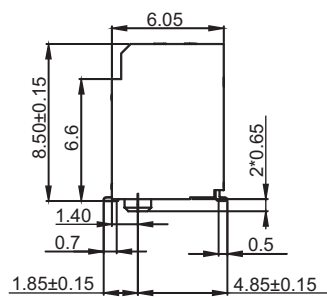
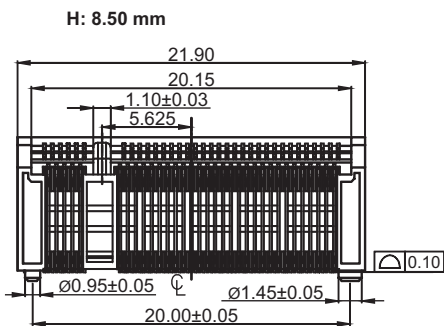
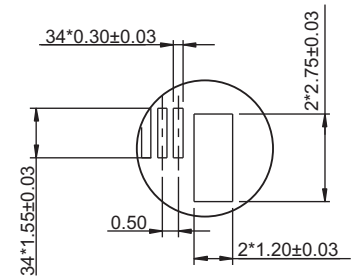
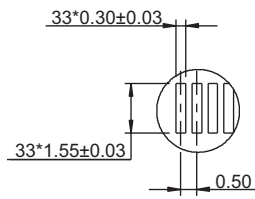


Mechanical dimensions

Unit: mm



Recommended P.C.B layout, top view for H: 3.05 mm and 4.05 mm



Recommended P.C.B layout, top view for H: 8.50 mm

Tolerances	
Linear	X ± 0.3
	X ± 0.2
	.XX ± 0.1

