



NANONECTOR

1 mm pitch

The 1 mm pitch miniature 2 rows connectors extend the range of 220 and 210 series.

Designed with high performance materials, the connectors can be locked with jackscrews and used in severe mechanical and climatic environment.

This series of connectors has a large range termination styles :

- ◇ P.C.B. mounting (straight)
- ◇ Male crimp contact

Minimum stacking height is 5.2 mm between boards.

L.F. contacts specifications

Materials	
Male contacts	Copper alloy gold plated over nickel
Female contacts	Outer : copper alloy, tin or gold plated Inner : beryllium copper, gold plated
Insulator	PEEK : UL 94 V0
Guides	Stainless steel

Sizes
2 rows
20 & 30 contacts (number to be determined)
Dimensions (20 pts) : Length 17.1mm x Width 3.8mm

Mechanical characteristics	
Mating/unmating force	To be determined
Contact retention	To be determined
Mechanical operations	> 500 cycles
Climatical category	- 55°C/+ 125°C

Electrical characteristics	
Working voltage	60 VDC or VAC peak (sea level)
Nominal current	1A max at 25° C
Contact resistance	10 mΩ max.
Insulation resistance	1000 MΩ min.