

TECHNICAL DATASHEET

Noval B9A PCB-Mount Tube Socket

9-pin white ceramic socket - silver-plated spring cup contacts - PCB solder pins



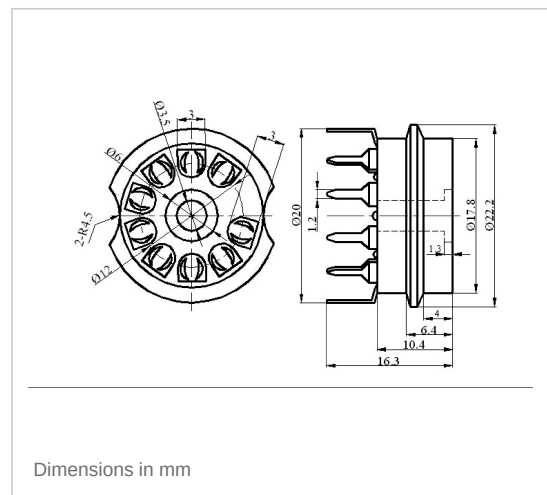
BTB ARTICLE NUMBER Nov-Print-klein	BTB PRODUCT DESIGNATION Noval Print Keramik klein PCB Platine Montage	BASE SYSTEM Noval B9A
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Compact through-hole PCB-mount tube socket for Noval B9A valves in tube amplifiers, Hi-Fi equipment, guitar amplifiers, studio electronics and test equipment. The white ceramic body and spring cup contact construction support stable mechanical retention and direct integration into printed circuit boards.

Technical data

Number of contacts	9
Insulator	White ceramic
Contact type	Spring cup contacts (tulip type)
Contact finish	Silver-plated
Termination	PCB solder pins
Mounting	Through-hole PCB mounting
Centre contact	None
Overall diameter	Ø 22.2 mm
Upper body diameter	Ø 17.8 mm
PCB pin circle	Ø 20 mm
PCB drill holes	9 × Ø 1.5 mm
Overall axial length	16.3 mm
Working voltage	500 V
Test voltage	1500 V
Contact resistance	≤ 0.01 Ω
Insulation resistance	≥ 10,000 MΩ
Total withdrawal force	0.8 to 3 kgf
Mechanical life	200 mating cycles
Weight	5.4 g
Compliance	RoHS compliant

Technical drawing



Tube examples

Dual triodes	ECC83 / 12AX7 / 7025 ECC82 / 12AU7 ECC81 / 12AT7
Audio / RF triodes	ECC88 / 6DJ8 E88CC / 6922 6N11
Power tube	EL84 / 6BQ5
Rectifiers	EZ80 / 6V4 EZ81 / 6CA4

PCB mounting: Provide nine Ø 1.5 mm holes on a Ø 20 mm pitch circle. Maintain the creepage and clearance distances required by the circuit. During soldering, prevent solder or flux from entering the spring contacts.

A common Noval B9A base does not guarantee electrical interchangeability. Check pinout, heater data and operating conditions against the circuit.