

TECHNICAL DATASHEET

Miniature B7G PCB Tube Socket

7-pin white ceramic socket · silver-plated fork-spring contacts · PCB solder pins



BTB ARTICLE NUMBER	BTB PRODUCT DESIGNATION	BASE SYSTEM
MiniaturPriKera	Miniatur Print Röhrenfassung B7G 7pin Keramik Standard	Miniature B7G / Pico-7

Compact 7-pin tube socket for through-hole PCB mounting in valve radios, small amplifiers, preamplifiers, studio electronics and test equipment. The white ceramic body provides a stable insulating base, while silver-plated fork-spring contacts retain the miniature valve pins. Suitable for new PCB designs, replacement, repair and restoration work.

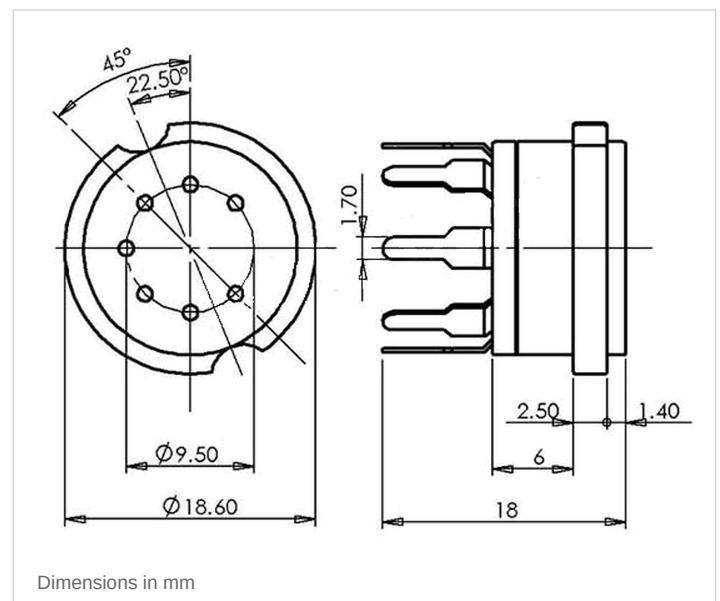
Technical data

Number of contacts	7
Insulator	White ceramic
Contact type	Fork-spring contacts
Contact finish	Silver-plated
Termination	PCB solder pins
Mounting	Through-hole PCB
Body diameter	Ø 18.60 mm
Valve pin pitch circle	Ø 9.50 mm
Terminal width	1.70 mm
PCB pin projection	6.0 mm
Overall axial length	18 mm
Contact arrangement	45° pitch with locating gap
Compliance	RoHS compliant

Application note

A shared B7G base does not guarantee electrical interchangeability. Pinout, heater data and operating values must match the circuit.

Technical drawing



Tube examples

Detector / signal valves	EAA91 / 6AL5 · DF91 / 1T4
Triodes	EC90 / 6C4 · EC92 / 6AB4 · EC903
Power valves	EL95 / 6DL5 · 50C5
Rectifiers	6Z4 · 6X4 / EZ90

Installation:

Align the locating gap with the PCB footprint. For stress-free assembly, insert a reference valve before final soldering. Prevent solder and flux from entering the contact springs.