ELECTRONIC TUBE REFERENCE

1S12P

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

The 1S12P is a miniature Soviet directly heated high-frequency triode intended for signal amplification and frequency conversion in radio receivers. Its low-voltage filament, small interelectrode capacitances, and moderate amplification factor support battery-powered radio circuits operating into the high-frequency and VHF ranges.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	1.2 V / 30 mA	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode	
TRANSCONDUCTANCE	0.00087 S
AMPLIFICATION FACTOR	16
MAXIMUM PLATE VOLTAGE	90 V
MAXIMUM PLATE DISSIPATION	0.25 W
MAXIMUM CATHODE CURRENT	2.5 mA

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker