ELECTRONIC TUBE REFERENCE

TKC1

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Low-filament-current directly heated two-volt triode for battery-operated electronic service.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	2 V / 65 mA	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

PLATE RESISTANCE	40000 Ω
TRANSCONDUCTANCE	0.0006 S
AMPLIFICATION FACTOR	25

Tungsram TKC1 directly heated battery triode using a 2 V, 0.065 A filament. Published typical characteristics at 90 V plate: transconductance 0.4 mA/V and plate resistance 60 kΩ; at 135 V: transconductance 0.6 mA/V, plate resistance 40 kΩ and amplification factor approximately 25. Promoted values use the 135 V operating point.

Battery triode intended for low-voltage portable receiver amplifier service.

SOURCE OPERATING CONDITIONS

195X Tunsgram

SOURCE PDF

Published test conditions and operating points. Values on this page are preserved as reported by this source.

195X TUNSGRAM

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	**2 V**	Published nominal value
Heater or filament current	**65 mA**	Published nominal value
Transconductance	**600 µS**	Published operating characteristic

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