ELECTRONIC TUBE REFERENCE

TA140

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

RF power transmitting triode for amplifier, oscillator, communications, broadcast, or industrial high-frequency generator service.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	10 V / 5.5 A	**PARALLEL HEATER**	_ / _
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

TRANSCONDUCTANCE	0.002 S
AMPLIFICATION FACTOR	12
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	50 W
MAXIMUM CATHODE CURRENT	70 mA

Directly heated transmitting triode for amateur and military RF service

TA140 is a directly heated transmitting triode for amateur and military rf service. The supplied Philips datasheet was read for filament data, limiting ratings, characteristic constants, operating classes, cooling requirements, and interelectrode capacitances where published.

SOURCE OPERATING CONDITIONS

1999 Philips E-Z

SOURCE PDF

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

1999 PHILIPS E-Z

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum average anode current	**70 mA**	—
Maximum input power	**70 W**	—
Tested anode dissipation	**75 W**	—

TUBE TINKER

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

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