



ELECTRONIC TUBE REFERENCE

Y1124

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Ceramic-metal planar triode primarily intended as a grid-pulsed oscillator at frequencies to approximately 6 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 215 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.016 S
AMPLIFICATION FACTOR	75
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	35 W
MAXIMUM CATHODE CURRENT	600 mA

The Y-1124 is a triode of ceramic and metal planar construction primarily intended for use as a grid-pulsed oscillator at frequencies up to 6000 megahertz. The Y-1124 features a bonded-heater construction resulting in usefuiness in fast warm-up and extreme environment applications.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage ACOrDCe 6 0 6 3	6.6 V	AVERAGE CHARACTERISTICS Test Conditions
Cathode Warm-up Time	3 s	AVERAGE CHARACTERISTICS Test Conditions
PUISE DUIBLION vt e ettt et tteeee s eenn s s eeaaaseaeesasoanessesaenseosneeseeuansostseaaennaansssnns	1 us	AVERAGE CHARACTERISTICS Test Conditions
Plate SUPPIY VOIAOE ottt t ittt et et ettt it et i i it	400 V	AVERAGE CHARACTERISTICS Test Conditions
Plate Current Average DURING PUISe ot inii i it i ittt it iies et iiiise s nons	600 mA	AVERAGE CHARACTERISTICS Test Conditions
Grid Current Average DURING PUISE it tir ittt i it ittt ittt iia it eanennans	300 mA	AVERAGE CHARACTERISTICS Test Conditions
Power Output Average DURING PUISE euei it i i e i sttt inaanaaas	40 W	AVERAGE CHARACTERISTICS Test Conditions

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
LI o o o -oI	400 V	ABSOLUTE-MAXIMUM RATINGS
Plate Current Average DUNING PUISE o oiu ittt ittt ettt ett ittt et eineeernenn	600 mA	ABSOLUTE-MAXIMUM RATINGS

