

ELECTRONIC TUBE REFERENCE

VX33A

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Subminiature low-filament-power triode for DC voltage amplifiers and measuring instrumentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 10 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.00015 S
AMPLIFICATION FACTOR	30
MAXIMUM CATHODE CURRENT	0.3 mA

Subminiature low-filament-power triode for DC voltage amplifiers and measuring instrumentation. The same source also identifies this device as VX33A.



SOURCE OPERATING CONDITIONS

1950 Victoreen

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

1950 VICTOREEN

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament Voltage	1.12–1.5 V	—
Filament Current	10 mA	Nominal
LeakageResistance	1000000000000000 ohm	GridToAllOtherElements
Transconductance	150 umho	—
Amplification Factor	30	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	100–300 uA	Ef=1.25V Eb=135V Ec=-5V