

ELECTRONIC TUBE REFERENCE

16GX6

Voltage - Pentode Sharp Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

Sharp-cutoff dual-control-grid pentode designed for gated AGC and television noise-inverter service. The second control grid enables specialized gating and noise-control functions beyond ordinary fixed-gain pentode amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	16 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	140000 Ω
TRANSCONDUCTANCE	0.0037 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1.7 W
MAXIMUM SCREEN DISSIPATION	1 W
Reference-only sheet; parent electrical ratings not reproduced in supplied source.	

The 16GX6 is the 16 V heater variant of the 6GX6 sharp-cutoff dual-control-grid pentode for gated AGC and television noise-inverter service; the source states that its electrical characteristics are otherwise the same as the 6GX6.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

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Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	16 V	AC or DC at rated heater current
Heater current	300 mA	Nominal current
Warm-up time	11 s	Average
Reference parent type	6GX6	Electrical characteristics same except heater

TUBE TINKER

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and their source documents.

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