



ELECTRONIC TUBE REFERENCE

6688A

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

A-suffix variant of the high-transconductance 6688 broadband pentode, retaining professional wideband amplifier characteristics.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	3300 Ω
TRANSCONDUCTANCE	0.0165 S
AMPLIFICATION FACTOR	50
MAXIMUM PLATE DISSIPATION	3 W
Broad-band amplifier pentode A variant.	

A-suffix broad-band amplifier pentode of the 6688 family, retaining the high-transconductance wide-band characteristics.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Amperex Condensed

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

1963 AMPEREX CONDENSED

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	3 W	—
Plate voltage	175 V	—
Screen voltage	160 V	—
Plate current	13 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	3.3 kΩ	—
Transconductance	16500 μS	—
Amplification Factor	50	—

TUBE TINKER

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and their source documents.

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