



ELECTRONIC TUBE REFERENCE

56R9

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

BEAMPOWER-TRIODE

Compactron combining a high-mu audio voltage-amplifier triode with a beam-power pentode for power-amplifier service, using separate heater sections.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E12-70	BASE PINS	12
NOMINAL HEATER	56 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Beam Power	
PLATE RESISTANCE	10000 Ω
TRANSCONDUCTANCE	0.0075 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	135 V
MAXIMUM PLATE DISSIPATION	6.5 W
MAXIMUM SCREEN DISSIPATION	1.8 W
MAXIMUM CATHODE CURRENT	65 mA
MAXIMUM HEATER-CATHODE VOLTAGE	200 V
<i>Beam-power pentode section.</i>	

SECTION2 Triode	
PLATE RESISTANCE	55500 Ω
TRANSCONDUCTANCE	0.0018 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM HEATER-CATHODE VOLTAGE	200 V
<i>High-mu triode section.</i>	

The 56R9 is a Compactron containing a high-mu triode for audio-frequency voltage amplification and a beam-power pentode for power-amplifier service, with separate heaters.

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