

RMA Release # 226-A

KEN-RAD 6S6GT



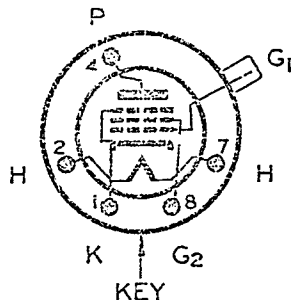
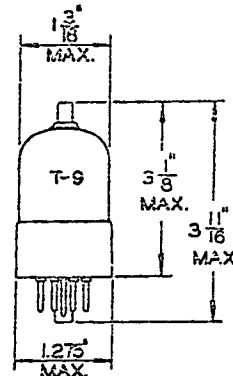
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GENERAL DESCRIPTION

Application: The Ken-Rad 6S6GT is a cathode type remote cut-off RF pentode featuring high mutual conductance and low output capacitance. The 6S6GT is a glass tube equipped with an octal base.

Physical Characteristics:

Mounting Position -- Any

Bottom ViewRATINGS AND CHARACTERISTICSHeater:

Voltage	6.3	Volts
Current	.450	Ampere

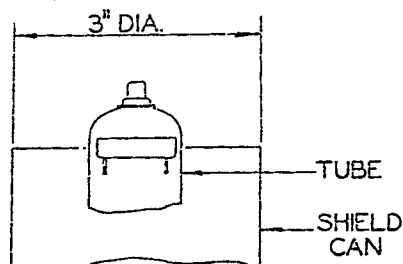
OPERATING CONDITIONS

Plate Voltage	250	Volts	Max.
Screen Voltage	100	Volts	Max.
Grid Voltage	-2	Volts	Min.
Plate Current	13	Milliamperes	
Screen Current	3	Milliamperes	
Mutual Conductance	4,000	Micromhos	
Amplification Factor	1,400		
Plate Resistance	350,000	Ohms	
Control Grid Voltage for $S_m = 20 \mu\text{mhos}$	-20	Volts	

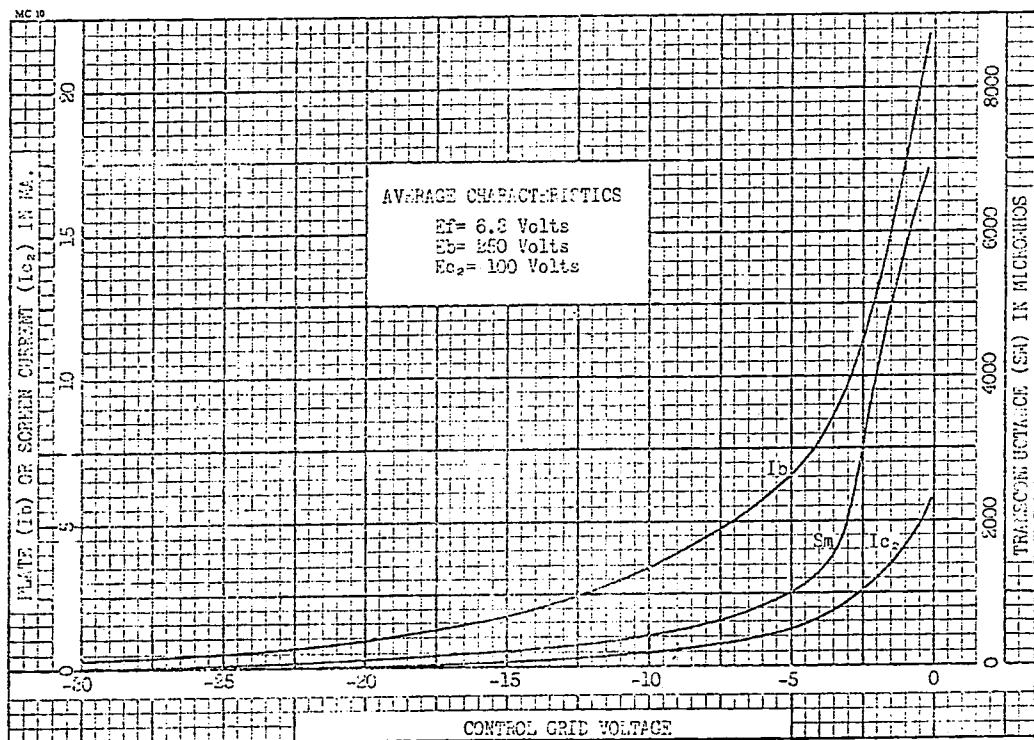
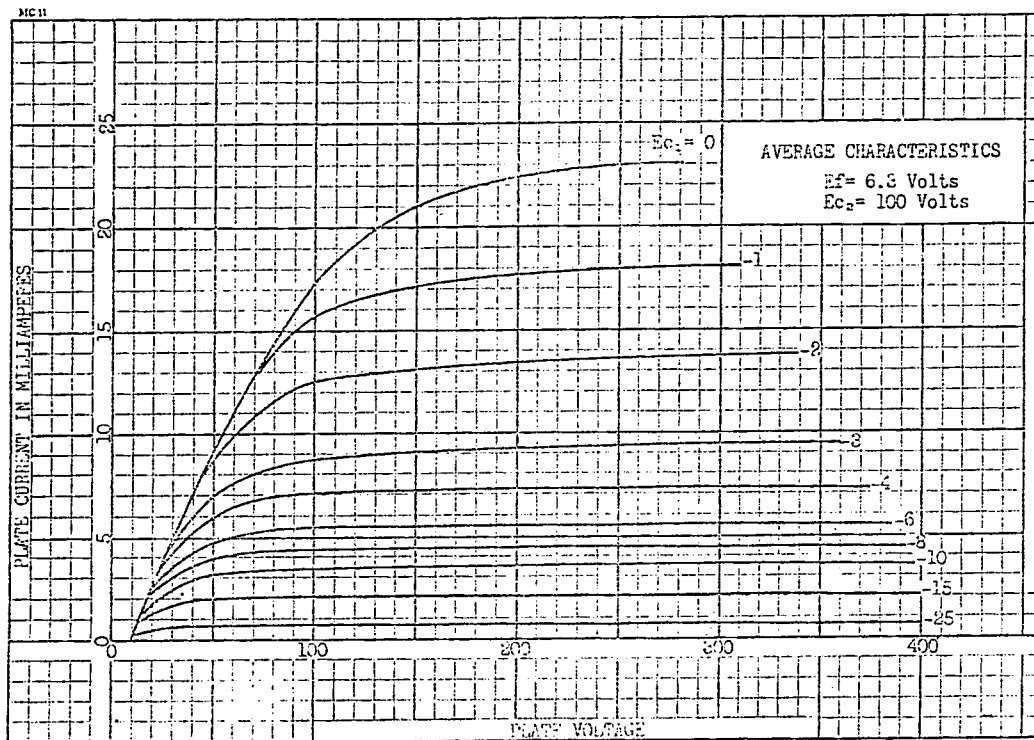
Direct Interelectrode Capacitances:

G_1 -Plate	.01	$\mu\text{f.}$
Input	7.00	$\mu\text{f.}$
Output (Without Shield)	4.60	$\mu\text{f.}$
Output (With Tight Fitting Shield)	6.40	$\mu\text{f.}$
Output (With Large Shield 3 Inch Diameter See Drawing)	5.30	$\mu\text{f.}$

Note: External Shield Connected to Cathode.



MCA



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