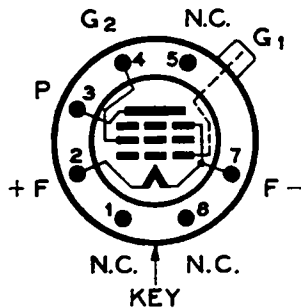


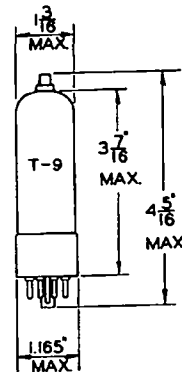
GENERAL DESCRIPTION

Application: The Ken-Rad 1P5G is a filament type RF pentode designed especially for service in low drain battery operated receivers as an RF, IF, or AF amplifier. The 1P5G is a glass tube equipped with an octal base.

Physical Characteristics:



Bottom View

RATING AND CHARACTERISTICS

Filament:

Voltage	1.4	Volts
Current	.05	Ampere

OPERATING CONDITIONS

Plate Voltage	90	Volts
Screen Voltage	90	Volts
Grid Voltage*	0	Volts
Plate Current	2.3	Milliamperes
Screen Current	.7	Milliamperes
Plate Resistance (Approx.)	.8	Megohm
Mutual Conductance	800	Micromhos
Amplification Factor (Approx.)	640	
Mutual Conductance at $E_{c1} = -12$ Volts (Approx.)	10	Micromhos

* Negative filament return.

Direct Interelectrode Capacitances:

G_1-P (With tube shield)	.007	$\mu f.$ Max.
$G_1-(F+G_2+G_3)$	2.2	$\mu f.$
$P-(F+G_2+G_3)$	9.0	$\mu f.$

from RMA release #169, March 28, 1939

