

12G-K17 is a high-perviance, half-wave rectifier tube designed for use as a damper in transformer-less television receivers.

**BASE** B5-85 Octal

**MOUNTING POSITION**—Any

**HEATER**

Voltage	.....	12.6	(V)
Current	.....	0.6	(A)
Warm-up Time	.....	11	(sec)

**MAXIMUM RATINGS** (Design Center Values)<sup>§</sup>

Peak Inverse Plate Voltage	4,500◇ (V)
Peak Plate Current	1,050 (mA)
D.C. Plate Current	175 (mA)
Peak Heater—Cathode Voltage	
Heater negative with respect to cathode	4,500△ (V)
Heater positive with respect to cathode	300☆ (V)

§ For operation in a 525-line, 30-frame television system.

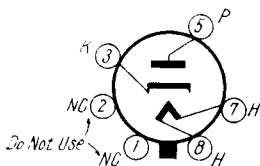
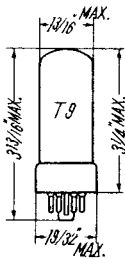
◇ The duration of the voltage pulse must not exceed 15 per cent of one horizontal scanning cycle.

Under no circumstances should this absolute value be exceeded.

△ The D.C. component must not exceed 900 volts.

☆ The D.C. component must not exceed 100 volts.

**Notice:** Socket terminals 1, 2, 4 and 6 should not be used as tie points.



AVERAGE PLATE CHARACTERISTICS

