

19R-LL1 is a multi-purpose long-life miniature tube for use as an oscillator, amplifier, etc. in wire communication equipment. This tube is not suitable for applications where the heater circuit is switched "On and Off" often.

BASE E9-1 Small Button Noval 9-Pin

MOUNTING POSITION—Any

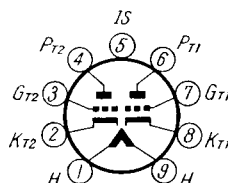
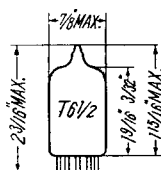
HEATER

Voltage.....19.0 (V)

Current.....0.15 (A)

DIRECT INTERELECTRODE CAPACITANCES

(Without Shield)	Unit No. 1	Unit No. 2
Grid No. 1 to Plate	1.6	1.6 (pF)
Input	2.1	2.1 (pF)
Output	1.4	1.4 (pF)



MAXIMUM RATINGS (Absolute Maximum Values)		TYPICAL OPERATION	
Plate Voltage	275 (V)	Plate Voltage	120 (V)
Plate Dissipation	2.8 (W)	Cathode-Bias Resistor	180 (Ω)
Total Cathode Current	22 (mA)	Plate Current	8.5 (mA)
Peak Heater—Cathode Voltage		Transconductance	5,500 (μ S)
Heater negative with respect to cathode	100 (V)	Plate Resistance (Approx.)	5.5 (k Ω)
Heater positive with respect to cathode	100 (V)	Amplification Factor	30