

19M-R10 is a long-life, miniature tube for use as a voltage amplifier in wire communication equipment. This tube is not suitable for applications where the heater circuit is switched "ON and OFF" often.

BASE E7-1 Miniature Button 7-Pin

MOUNTING POSITION—Any

HEATER

Voltage 19.0 (V)

Current 0.1 (A)

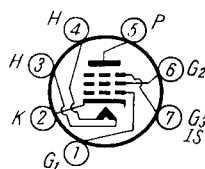
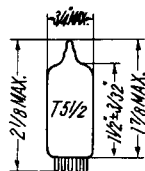
DIRECT INTERELECTRODE

CAPACITANCES (With Shield)

Grid No. 1 to Plate 0.02 max. (pF)

Input 7.2 (pF)

Output 4.1 (pF)



MAXIMUM RATINGS (Absolute Maximum Values)		TYPICAL OPERATION	
Plate Voltage	275 (mA)	Plate Voltage	120 (V)
Grid No. 2 Voltage	165 (V)	Grid No. 3 Voltage	0 (V)
Plate Dissipation	2.2 (V)	Grid No. 2 Voltage	120 (V)
Grid No. 2 Dissipation	0.44 (W)	Cathode-Bias Resistor	180 (Ω)
Total Cathode Current	22 (mA)	Plate Current	9.5 (mA)
Peak Heater—Cathode Voltage		Grid No. 2 Current	2.8 (mA)
Heater negative with respect to cathode	100 (V)	Transconductance	6,200 (μS)
Heater positive with respect to cathode	100 (V)	Plate Resistance (Approx.)	260 (k Ω)