

5M-K9 is a half-wave rectifier having a maximum output current of 60mA for use in transformer-less radio receivers.

BASE E7-1 Miniature Button 7-Pin

MOUNTING POSITION—Any

HEATER

Voltage5.0 (V)

Current0.6 (A)

MAXIMUM RATINGS (Design Center Values)		TYPICAL OPERATION (With Capacitor Input to Filter)	
Peak Inverse Plate Voltage	1,000 (V)	A.C. Plate Supply Voltage (RMS)	350 (V)
Peak Plate Current	360 (mA)	D.C. Output Current	60 (mA)
D.C. Output Current	60 (mA)	Effective Plate-Supply Impedance	200 (Ω)
		Filter Input Capacitor	8 (μ F)
		D.C. Output Voltage at Input to Filter (Approx.)	
		At Half-Load Current	390 (V)
		At Full-Load Current	340 (V)

OPERATING CHARACTERISTICS WITH CAPACITOR INPUT FILTER

