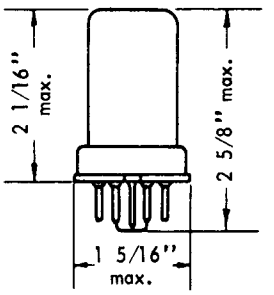
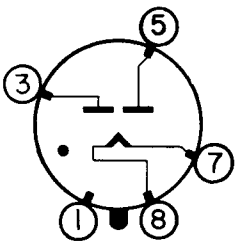
TYPE CK1007

Excellence in Electronics

The CK1007 is a full-wave gas-filled rectifier with an ionically or directly heater emitter designed for use in vibrator type power supplies where a relatively high current and voltage are desired to supply the requirements of transmitters, receivers or other equipment.





BOTTOM VIEW

MECHANICAL DATA

ENVELOPE: MT-8 Metal

BASE: Small wafer octal 5-Pin

TERMINAL CONNECTIONS:

Pin 1 Shield	Pin 7 Filament
Pin 3 Plate, Right	Pin 8 Filament
Pin 5 Plate, Left	

MOUNTING POSITION: Any

ELECTRICAL DATA

RATINGS - FULL WAVE RECTIFIER (Condenser Input):

	Cond. 1 ● (A)	Cond. 1 ● (B)	Cond. 2 ■ (A)	Cond. 2 ■ (B)	
Filament Voltage (ac or dc)	1.0	0	1.0	0	volts
Nominal Heater Current	1.2	0	1.2	0	amps.
Abs. Min. DC Output Current (per tube)	10	30	0	30	ma.
Maximum DC Output Current (per tube)	110	110	85	85	ma.
Maximum Peak Anode Current (per tube)	330	330	510	510	ma.
Abs. Min. Peak Starting Voltage (Full Wave)	170	340	170	340	volts
Average Dynamic Voltage Drop	24	24	24	24	volts
Max. Peak Inverse Voltage	980	980	1200	1200	volts
Max. Peak Anode Voltage	490	490	600	600	volts

● *Cond. 1 (A) applies to single tube operation when filament is heated.*
Cond. 1 (B) applies to single tube operation with no heater supply required.

■ *Cond. 2 (A) applies to resistance-parallel operation when filament is heated.*
Cond. 2 (B) applies to resistance-parallel operation when no heater supply is required.