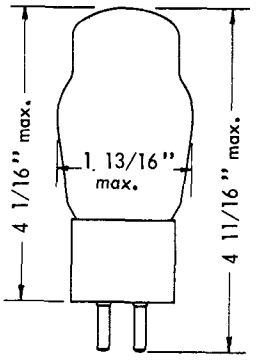
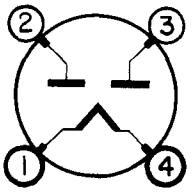
TYPE CK1006

The CK1006 is a full-wave gas-filled rectifier with an ionically or directly heater emitter designed for use where a relatively high current and voltage are desired to supply the requirements of transmitters, receivers or other equipment.





BOTTOM VIEW

4C

MECHANICAL DATA

ENVELOPE: ST-14 Glass

BASE: Medium 4-Pin

TERMINAL CONNECTIONS:

Pin 1 Filament	Pin 3 Plate-Left
Pin 2 Plate-Right	Pin 4 Filament

MOUNTING POSITION: Any

ELECTRICAL DATA

DESIGN CENTER MAXIMUM RATINGS:

	Condenser Input		Square Wave
Filament Voltage	0	1.75	0 or 1.75 volts
Peak Inverse Plate Voltage	1600	1600	1600 volts
Peak Plate Current, per Plate	600	600	320 ma.
Absolute Minimum Peak Starting Voltage, per Plate (Half-Wave)	650	450	---- volts
Absolute Minimum Peak Starting Voltage, per Plate (Full-Wave)	550	420	---- volts
DC Output Current	200	200	225 ma.
Absolute Minimum DC Output Current	70	0	---- ma.

CHARACTERISTICS AND TYPICAL OPERATION - FULL-WAVE RECTIFIER:

	Condenser Input		Square Wave
Filament Voltage	0	1.75	0 or 1.75 volts
Filament Current	0	2.00	---- amps.
Peak Plate Voltage, per Plate ♦	800	800	800 volts
Average Dynamic Voltage Drop	30	25	---- volts
DC Output Voltage	550	550	630 volts

♦ *No load.*