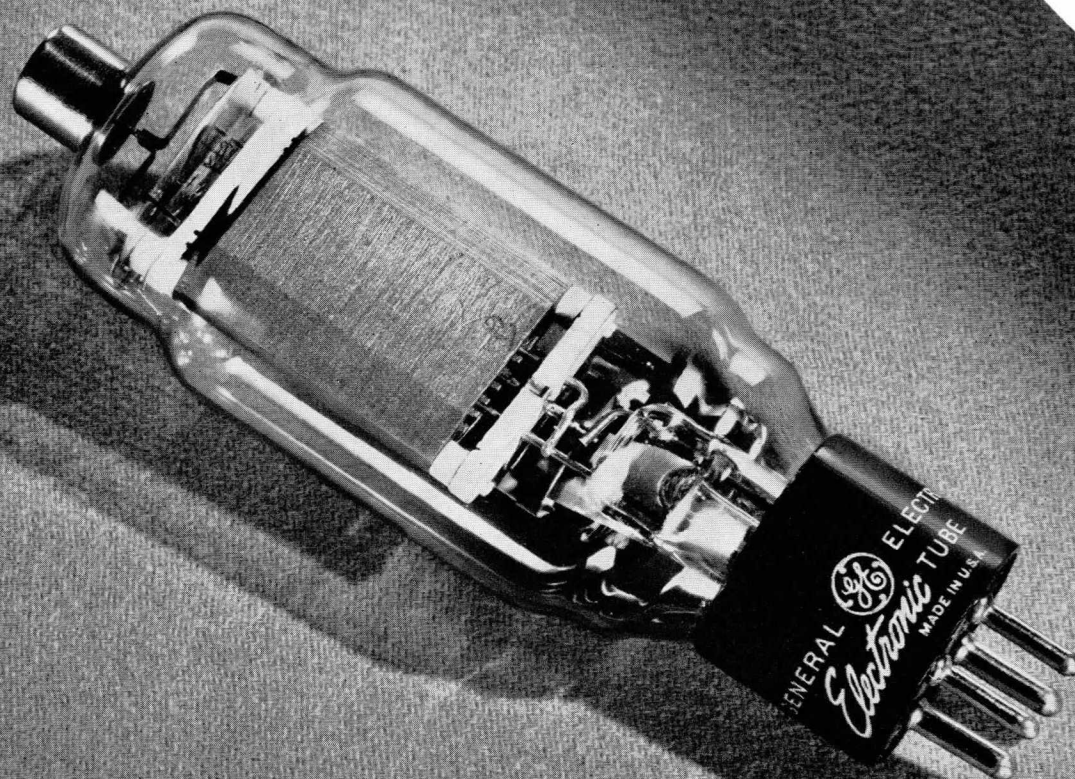




HIGH-VACUUM RECTIFIER

DESCRIPTION

The GL-1616 is a high-vacuum, half-wave rectifier. Since the tube is quick-heating it is particularly useful in high-voltage devices where plate and fila-

ment voltages are applied simultaneously under full load conditions. This tube may be used at voltages as high as 5500 volts peak inverse.

TECHNICAL INFORMATION

These data are for reference only. For design information refer to specifications.

GENERAL CHARACTERISTICS

Number of electrodes.....	2
Electrical	
Cathode-filamentary	
Filament voltage.....	2.5 volts
Filament current.....	5.0 amperes
Tube voltage drop.....	75 volts
Mechanical	
Base description.....	medium, 4-pin bayonet
Net weight, approx.....	3 ounces
Shipping weight, approx.....	1 pound
Mounting position.....	Vertical, base down


Electronic
TUBE

GENERAL  ELECTRIC

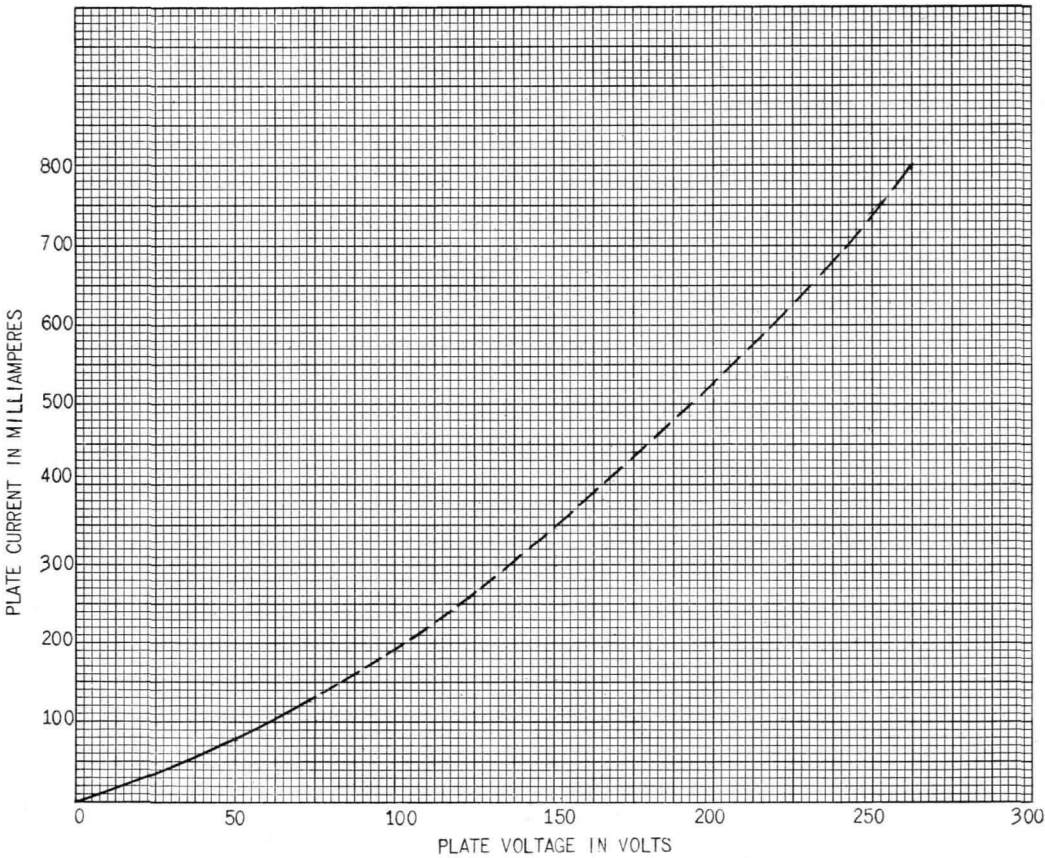
TECHNICAL INFORMATION (CONT'D)

MAXIMUM RATINGS

Maximum peak inverse voltage.....	5500	volts
Maximum peak plate current.....	0.8	ampere
Maximum average plate current.....	0.13	ampere
Maximum surge plate current.....	2.5	ampere

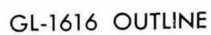
GL-1616

AVERAGE PLATE CHARACTERISTICS



K-6966495

1-9-46



Electronics Department
GENERAL ELECTRIC
Schenectady, N. Y.