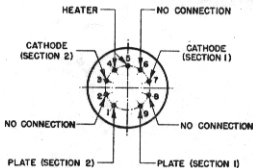
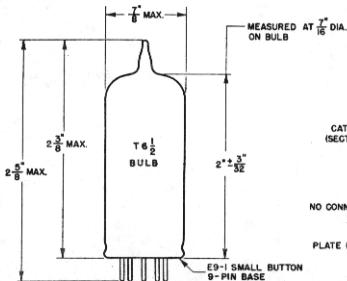


ADVANCE ELECTRON TUBE DATA SHEET

WESTERN ELECTRIC 412A ELECTRON TUBE

412A
MINIATURE
FULL-WAVE
RECTIFIER



DESCRIPTION

Miniature Full-Wave Rectifier

MOUNTING

This tube may be mounted in any position

MAXIMUM RATINGS (Design Center Values)

Peak Inverse Voltage	1250 volts
Peak Plate Current per Plate	300 milliamperes
D-C Output Current	100 milliamperes
D-C Heater-Cathode Potential	450 volts

GENERAL CHARACTERISTICS

ELECTRICAL DATA

Heater Voltage	6.3 volts
Heater Current	1.0 ampere

MECHANICAL DATA'

Cathode	Coated Unipotential
Bulb	T 6-1/2
Base	Small button 9-pin

TYPICAL OPERATION WITH CONDENSER INPUT FILTER

A-C Plate Voltage per Plate (RMS)	300 volts
D-C Output Current	90 milliamperes
D-C Output Voltage at Input Filter, Approximate	340 volts
Total Effective Plate Supply Impedance per Plate	150 ohms
Filter Input Condenser	4 microfarads

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