

TUNG-SOL

DIODE

MINIATURE TYPE

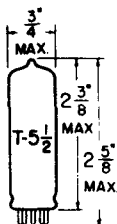
COATED UNIPOTENTIAL CATHODE

HEATER

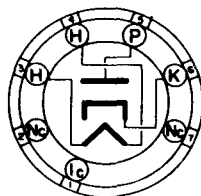
117 VOLTS 40 MA.

AC OR DC

ANY MOUNTING POSITION

NOTE: DO NOT USE PIN #1 ON
SOCKET AS TIE POST.

GLASS BULB



BOTTOM VIEW

MINIATURE BUTTON
7 PIN BASE

THE 11723 IS A MINIATURE CATHODE-TYPE, CLOSE-SPACED HALF-WAVE RECTIFIER DESIGNED FOR SERVICE IN THREE-WAY PORTABLE RECEIVERS. THE 117 VOLT HEATER PERMITS DIRECT, ACROSS THE LINE, HEATER OPERATION WITHOUT NEED FOR A DROPPING RESISTOR.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD WB-210

HEATER VOLTAGE	117	VOLTS
MAXIMUM DC HEATER-CATHODE VOLTAGE		
CATHODE POSITIVE	175	VOLTS
CATHODE NEGATIVE	100	VOLTS
MAXIMUM AC PLATE VOLTAGE [RMS]	117	VOLTS
MAXIMUM PEAK INVERSE VOLTAGE	330	VOLTS
MAXIMUM STEADY-STATE PEAK PLATE CURRENT	540	MA.
MAXIMUM STEADY-STATE DC OUTPUT CURRENT	90	MA.
MAXIMUM TRANSIENT PEAK PLATE CURRENT	2.5	AMP.
TUBE VOLTAGE DROP: MEASURED WITH TUBE CONDUCTING 180 MA. PLATE CURRENT	22.5	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

HALF-WAVE RECTIFIER

HEATER VOLTAGE	117	VOLTS
HEATER CURRENT	40	MA.
AC PLATE SUPPLY VOLTAGE [RMS]	117	VOLTS
DC OUTPUT VOLTAGE	110	VOLTS
DC OUTPUT CURRENT	90	MA.
EFFECTIVE PLATE SUPPLY IMPEDANCE	20	OHMS
INPUT CONDENSER	30	μf

SIMILAR TYPE REFERENCE: Same general characteristics as type 117240P; somewhat similar to the rectifier unit of type 70L70P.

→ INDICATES A CHANGE OR ADDITION.

117Z3

