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HALF-WAVE GAS RECTIFIER

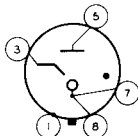
IONICALLY HEATED, STARTER - ELECTRODE TYPE

DATA

General:

Cathode.	Ionically Heated
Tube Voltage Drop (Approx.).	12 volts
Maximum Overall Length	2-5/8"
Maximum Seated Length.	1-31/32 ± 3/32"
Maximum Diameter	1-5/16"
Bulb	MT8G
Base	Small-Wafer Octal 5-Pin
Basing Designation for BOTTOM VIEW	

Pin 1 - Shell
 Pin 3 - Starter
 Electrode



Pin 5 - Anode
 Pin 7[□] - Cathode
 Pin 8[□] - Cathode

□ Pins 7 and 8 must be tied together at socket.

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Maximum Ratings, Design-Center Values:

PEAK INVERSE ANODE VOLTAGE.	300	max.	volts
PEAK ANODE CURRENT.	500	max.	ma
DC OUTPUT CURRENT :	75	max.	ma
		40	min.

Typical Operation With Capacitor-input Filter:

Minimum RMS Starting Voltage*	100	volts
DC Output Current	75	ma
Minimum Series Anode Resistance [▲]	50	ohms

RF filter circuits placed close to socket terminals are required to reduce rectifier noise.

* When starter electrode is connected to anode through a 10-megohm resistor bypassed with a 0.002-μf capacitor.

▲ For 117-volt line operation.