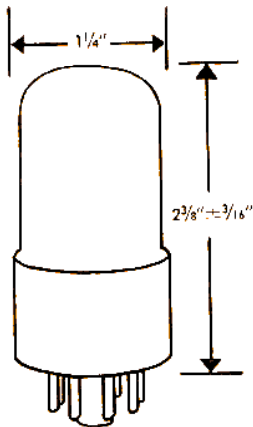


SEP 24 1965

The 2AS15A is designed to close an external high impedance circuit upon filament failure. In addition, an interlock feature has been added using pins 3 and 4. This permits the opening of a circuit upon removal of the tube from its socket.\*

**ELECTRICAL SPECIFICATIONS**

Cathode		Plate	
Voltage	1.8 ac/dc	Voltage	500
Current, ma	320-345	Current, ma	.410-.650



**MECHANICAL SPECIFICATIONS**

Overall length	3" ± 3/8"
Seated length	2 3/8" ± 3/16"
Maximum diameter	1 1/4"
Bulb	T9F1
Base	#8537 8-pin Intermediate Octal

**BASING DESIGNATION**

- Pin 1 No connection
- Pin 2 Cathode
- Pin 3 Shunt\*
- Pin 4 Shunt\*
- Pin 5 Plate
- Pin 6 No connection
- Pin 7 Cathode
- Pin 8 No connection

\*NOTE: The 2AC15 is identical to the 2AS15A except for the interlock feature added to pins 3 and 4 on the 2AS15A.

This diode has a temperature limited emission characteristic where the anode current is a direct function of filament voltage. Small changes in filament voltage result in relatively large changes in anode current. Due to the use of a pure tungsten filament, the specified ratings are maintained throughout the normal life of the diode. Careful production and processing methods guarantee precision type tubes with stable characteristics held to close tolerances.

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TYPES**

**2AS15A**

**2AC15**

**ENGINEERING DATA**

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