

The Type 50A1 is a gas-filled ballast tube designed to maintain a relatively constant current over a specified operating voltage range.

————MECHANICAL DATA————

Bulb	T-6 1/2	Basing	9CM
Base	Miniature Button 9-Pin	Connections:	
Outline	6-3	Pin 1 -	internal connection*
Maximum Overall Length	2 5/8 inches	Pin 2 -	filament
Maximum Seated Height	2 3/8 inches	Pin 3 -	no connection
Maximum Diameter	7/8 inch	Pin 4 -	internal connection*
Mounting Position ...	vertical, base down	Pin 5 -	no connection
Type of Cooling	radiation	Pin 6 -	no connection
Maximum Ambient Temperature	65 °C	Pin 7 -	filament
Net Weight, maximum	1 ounce	Pin 8 -	no connection
		Pin 9 -	internal connection*

*Do not use.

————ELECTRICAL DATA————

RATINGS - Absolute Values

Current:	
Maximum	58 ma
Minimum	50 ma
Voltage:	
Maximum	65 volts
Minimum	30 volts

CHARACTERISTICS

Average Operating Current:	
At 30 Volts	52 ma
At 50 Volts	54 ma
At 65 Volts	56 ma

from RTMA release #1183, May 1, 1953