

# BURLE Power Tubes

## BURLE Type 4688

The BURLE 4688 is a compact, ruggedized beam power tetrode specifically designed for use in series regulator service where dependable performance is essential under severe environmental conditions. Its small size and light weight make it particularly useful in airborne systems.

### General Data

#### Electrical

Heater:

Voltage .....	6.3	V
Current .....	6.1	A
Mu-Factor (G1 to G2) .....	13	

Capacitance:

G1-K .....	29	pF
G2-P .....	5.3	pF

#### Mechanical

Cooling .....	Immersion	
Max. Length .....	70.4 mm (2.77 in)	
Max. Diameter .....	52.1 mm (2.05 in)	
Weight .....	368.5 g (13 oz)	
Operating Position .....	Any	

### Maximum Ratings

Anode Dissipation .....	2	kW
Grid-2 Dissipation .....	15	w

### Series Regulator - Continuous Service

#### Typical Operation

Anode Voltage .....	15	kV
Grid-2 Voltage .....	0.7	kV
Anode Current .....	0.6	A

