

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

