

BURLE Type 4687

The BURLE 4687 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:		
GI-K	29	pF
G2-P	5.3	pF

Mechanical

Cooling	Immersion
Max. Length	70.4 mm (2.77 in)
Max. Diameter ¹	52.8 mm (2.08 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

¹ Excluding mounting flange

