

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:

G1-K 29 pF

G2-P 5.3 pF

Mechanical

Cooling Immersion

Max. Length 70.4 mm (2.77 in)

Max. Diameter¹ 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

