

# BURLE Type S93413E

The BURLE S93413E is an immersion-cooled beam power tetrode designed for applications where dependable performance under severe vibration is essential. It is intended for use as a voltage regulator in airborne and fixed-station equipment.

## General Data

### Electrical

Heater:

Voltage .....	6.0	V
Current .....	14	A

Capacitance:

G1-K .....	37	pF
G2-P .....	8	pF

### Mechanical

Cooling .....	Immersion
Max. Length .....	98.1 mm (3.86 in)
Max. Diameter .....	94.7 mm (3.73 in)
Weight .....	0.9 kg (2 lbs)
Operating Position .....	Any

### Maximum Ratings

Anode Dissipation .....	1.5	kW
Grid-2 Dissipation .....	35	W

### Series Regulator - Continuous Service

#### Typical Operation

Anode Voltage .....	35	kV
Grid-2 Voltage .....	1	kV
Anode Current .....	0.3	A

