

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

