

INTRODUCTION

The 68504 is a hot cathode, full-wave, gas-filled Rectifier designed for use in low voltage battery charging equipment.

GENERAL DATA

(See also Preamble to Rectifier Section of this Catalogue)

Electrical

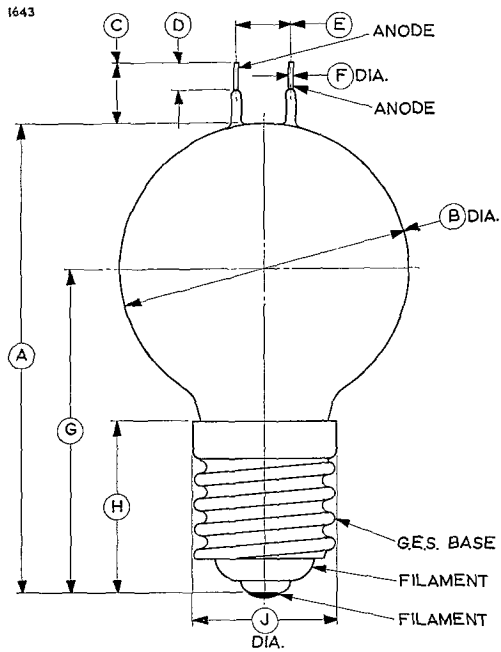
Cathode	..	..	..	..				Oxide Coated Filament	
Filament Voltage	..	..	..	..	..	..	..	2.3	V
Filament Current	..	..	..	..	..	..	..	18±2	A
Cathode Heating Time (Minimum)	..	..	..	..	..	..	..	30	s
Voltage Drop (Approx)	..	..	..	..	..	..	..	10	V
Ambient Temperature Range	..	..	..	..	..	..	..	-55 to +70	°C
D.C. Output as Full-Wave Rectifier:									
Voltage	..	..	..	..	..	..	..	30	V Max
Current	..	..	..	..	..	..	..	5.0	A Max

Mechanical

Overall Length..	..	..	..	..	5.71 inches	(145 mm)	Max
Overall Diameter	..	..	..	..	3.03 inches	(77 mm)	Max
Net Weight	..	..	..	..	4 ounces	(112 gm)	Approx
Mounting Position	..	..	..	..	..	..	Any
Base	..	..	..	..	..	..	Goliath Edison Screw
Cooling	..	..	..	..	..	..	Convection



OUTLINE



Ref.	Inches	Millimetres
A	4.528 ± 0.394	115.0 ± 10.0
B	3.032 Max	77.0 Max
C	0.472 ± 0.197	12.0 ± 5.0
D	0.276 Min	7.0 Min
E	0.492 ± 0.098	12.5 ± 2.5
F	0.059	1.5
G	3.465 ± 0.394	88.0 ± 10.0
H	1.811 Max	46.0 Max
J	1.543 Max	39.2 Max

Inch dimensions have been derived from millimetres.