

INTRODUCTION

The 68530 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)

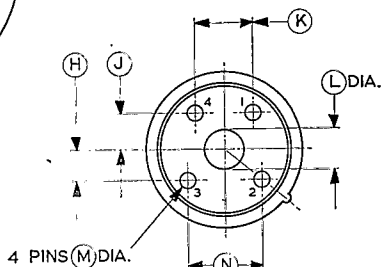
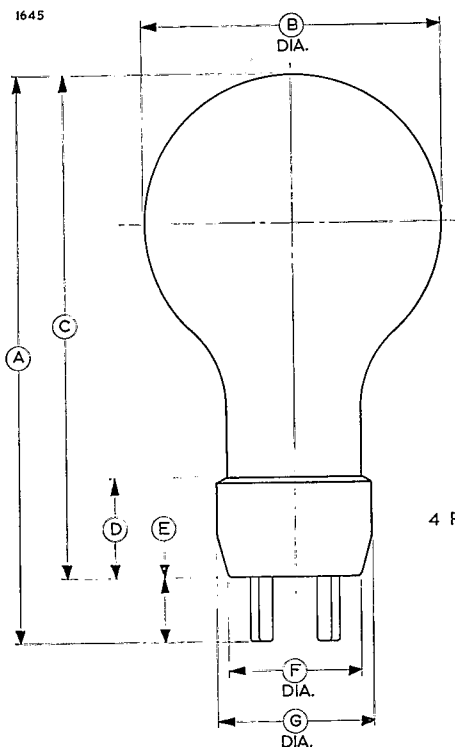
Electrical

Cathode	Oxide Coated Filament
Filament Voltage	2.0 V
Filament Current	8 ± 1 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
Current	6.0 A

Mechanical

Overall Length	5.94 inches (151 mm)	Max
Overall Diameter	3.19 inches (81 mm)	Max
Net Weight	4 ounces (112 gm)	Approx
Mounting Position		Any
Base		Special 4-pin
Cooling		Convection

OUTLINE



VIEW ON BASE

BASE CONNECTIONS

Pin	Element
1	Filament
2	Anode
3	Anode
4	Filament

Ref.	Inches	Millimetres	Ref.	Inches	Millimetres
A	5.688 ± 0.25	144.5 ± 6.35	H	0.312	7.94
B	3.125 ± 0.063	79.38 ± 1.60	J	0.375	9.53
C	5.125 ± 0.125	130.2 ± 3.18	K	0.594	15.09
D	1.062	27.00	L	0.375	9.53
E	0.625	15.88	M	0.156	3.96
F	1.375	34.93	N	0.781	19.84
G	1.625	41.28			

Millimetre dimensions have been derived from inches.