

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)

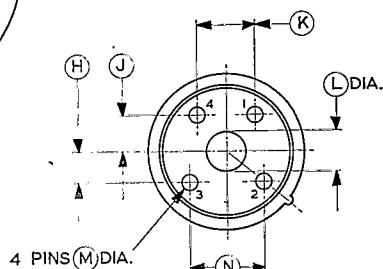
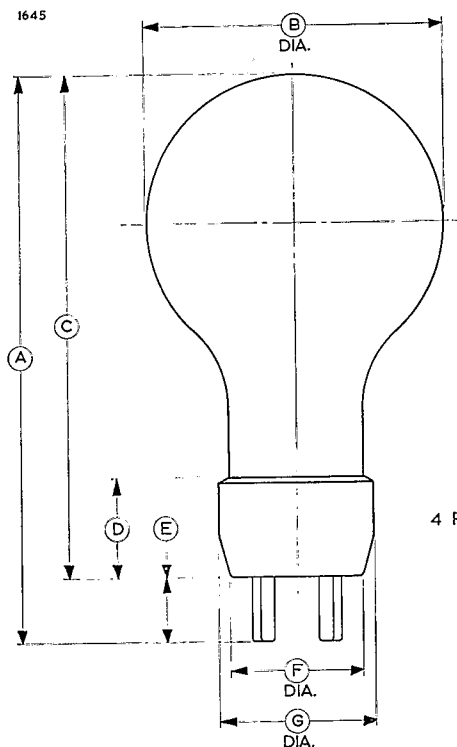
Electrical

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.