TUNGAR RECTIFIER

68530

ENGLISH ELECTRIC

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

ENGLISH ELECTRIC VALVE CO. LTD.

CHELMSFORD
ENGLAND

Printed in England

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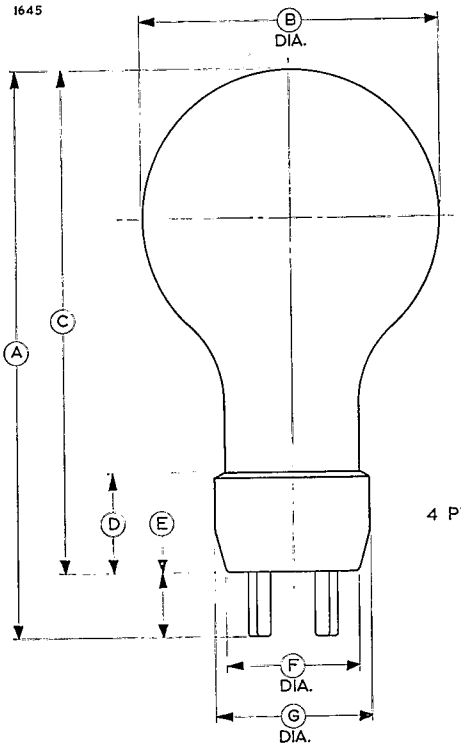
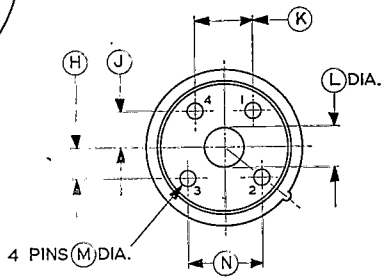
OUTLINE





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.

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