

Marconi S12

Midget Screen Grid

Marconi S12 is suitable for the early stages of deaf aid amplifiers where it gives high gain with low H.T. voltage.

It is not intended for H.F. work.

Nominal rating, see curve.

Inter-electrode capacities.

A—G	0.3 μ F
G—E	5.6 μ F
A—E	3.4 μ F

Dimensions : 76 × 17 mm.

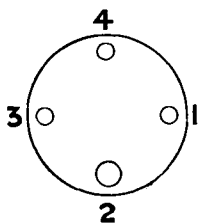
Typical Operating Data.

H.T. voltage	36	36	36	52	52	52
Anode load resistance		150,000	250,000	Choke	150,000	250,000	Choke
Screen feed resistance		1 meg.	1 meg.	1 meg.	1 meg.	1.5 meg.	1 meg.
Total cathode current		0.11	0.1	0.16	0.18	0.12	0.27 mA
Grid bias	0	0	0	0	0	0
Stage gain	24	26	57	29	32	57

Notes.

When choke coupling is used its value depends on the frequency response required. With small apparatus some compromise between size and bass response is usually necessary.

Price - - 17/6



UNDERSIDE OF BASE

Base Connections.

	H12	L12	S12
1	Anode	Anode	Screen
2	Grid	Grid	Grid
3	Filament	Filament	Filament
4	Filament	Filament	Filament
Top Cap	—	—	Anode