

TUNING INDICATOR

EM8 I

Electron beam tube for use as a tuning indicator in f.m. or a.m. receivers or as a level indicator in tape recorders.

HEATER

Suitable for series or parallel operation, a.c. or d.c.

V_h	6.3	V
I_h	300	mA

OPERATING CONDITIONS

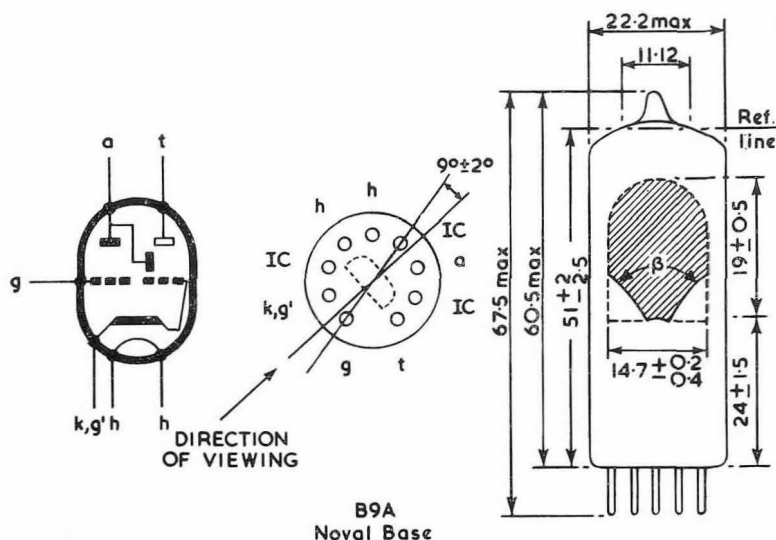
V_b	250	V
V_t	250	V
R_a	500	k Ω
R_{g-k}	3.0	M Ω
V_g	-1.0	V
I_a	370	μ A
I_t	2.0	mA
β	65	deg.
V_g max. ($I_g = +0.3\mu$ A)	-1.3	V

LIMITING VALUES

$V_{a(b)}$ max.	550	V
V_a max.	300	V
p_a max.	200	mW
$V_{t(b)}$ max.	550	V
V_t max.	300	V
V_t min.	165	V
I_k max.	3.0	mA
R_{g-k} max.	3.0	M Ω
V_{h-k} max.	100	V
R_{h-l} max.	20	k Ω

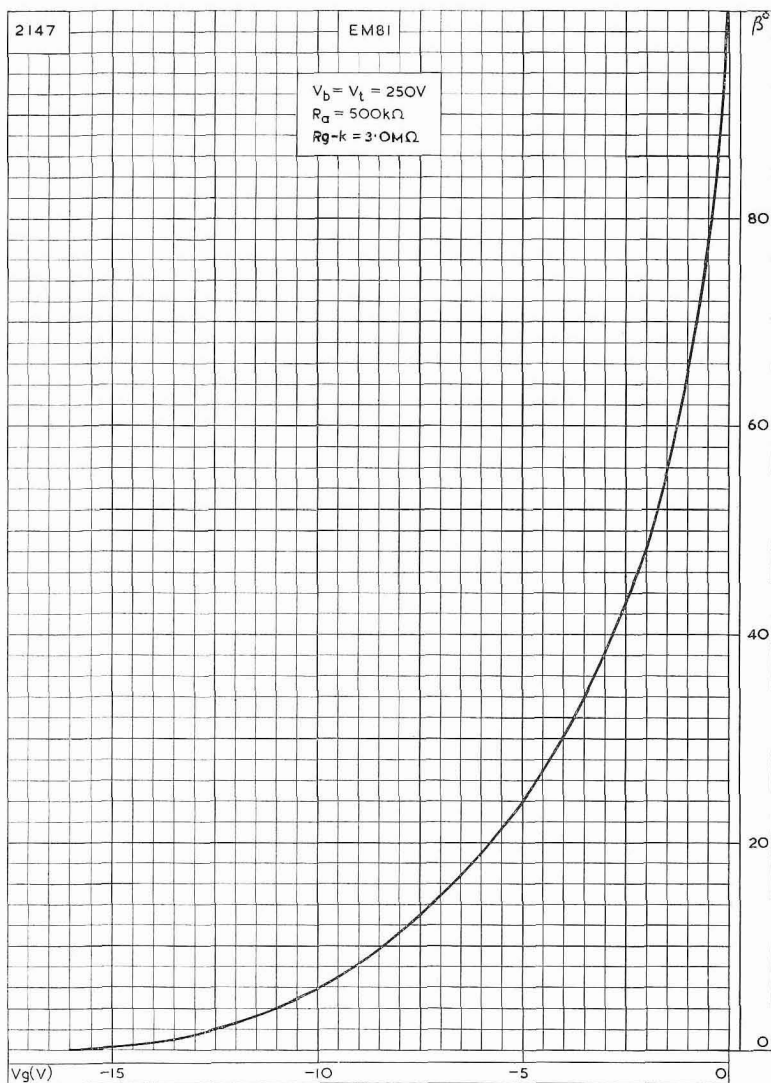
EM81

TUNING INDICATOR



2149

All dimensions in mm



LIGHT ANGLE PLOTTED AGAINST CONTROL-GRID VOLTAGE

