

SUBMINIATURE VARIABLE-MU R.F. PENTODE

EF71

Variable-mu pentode suitable for use in controlled r.f. amplifiers.

HEATER

V_h	6.3	V
I_h	150	mA

MOUNTING POSITION

Any

Note—Direct soldered connections to the leads of this valve must be at least 5mm from the seal and any bending of the valve leads must be at least 1.5mm from the seal.

CAPACITANCES

	Shielded	Unshielded	
C_{in}	4.5	4.0	pF
C_{out}	3.4	1.9	pF
C_{a-g1}	< 0.015	< 0.035	pF

CHARACTERISTICS

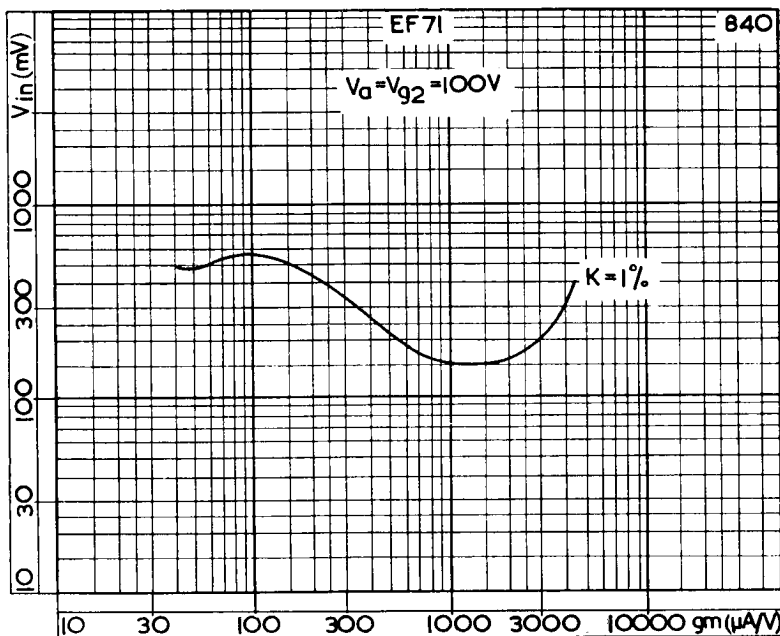
V_a	100	V
V_{g2}	100	V
R_k	120	Ω
I_h	7.2	mA
I_{g2}	2.2	mA
g_m	4.5	mA/V
r_a	260	$k\Omega$
V_{g1} ($g_m = 25 \mu A/V$)	-14	V

LIMITING VALUES

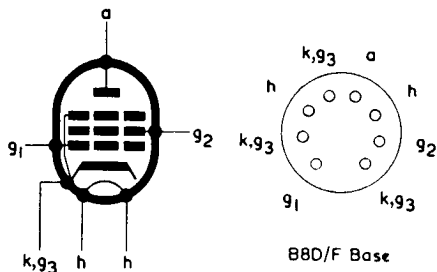
$V_{a(b)}$ max.	300	V
V_h max.	175	V
p_h max.	1.0	W
$V_{g2(b)}$ max.	300	V
V_{g2} max.	175	V
p_{g2} max.	500	mW
I_k max.	10	mA
R_{g1-k} max.	500	$k\Omega$
$V_{h k}$ max.	100	V

EF71

SUBMINIATURE VARIABLE-MU R.F. PENTODE



CROSS-MODULATION CURVE



3267

All dimensions in mm

