

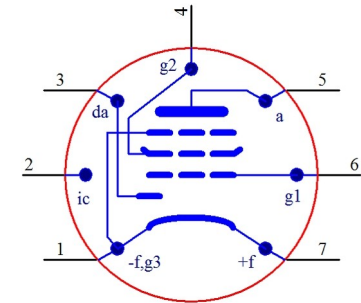
The 1S5T is a miniature type diode – AF pentode, which was introduced first in 1946.



Brand: TUNGSRAM (Budapest, Hungary)

Pin Connections

Filament:	V_f	1,4	V
	I_f	25	mA
Limiting values:	V_a	90	V
	V_{g2}	90	V
	V_d	50	V
	I_d	1,2	mA
	I_k	3,8	mA



TYPICAL CHARACTERISTICS

Operating conditions as resistance-coupled AF amplifier

V_a	67,5	V	V_b	45	67,5	90	V
V_{g2}	67,5	V	R_a	1	1	1	$M\Omega$
V_{g1}	0	V	R_{g2}	3,3	3,3	3,3	$M\Omega$
I_a	1,6	mA	R_{g1}	10	10	10	$M\Omega$
I_{g2}	0,4	mA	V_o / V_i	45	60	70	approx.
S	0,5	mA/V	I_b	50	75	100	μA
R_i	0,6	$M\Omega$	k_{max}	2	3	5	%
			V_o	5	5	5	V_{eff}

Capacitances: C_{g1} 2,2 pF, C_a 2,4 pF, C_{ag1} 0,2 pF, C_{df} 1,5 pF

The photo was taken from my collection. © 2015 Zabb Csaba

Literature: ŘEMPO PRAHA 1954