

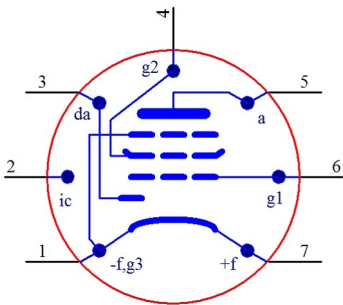
The 1S5T is a miniature type diode – AF pentode, which was introduced first in 1946.



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	MΩ
V _{g1}	0	V	R _{g2}	3,3	3,3	3,3	MΩ
I _a	1,6	mA	R _{g1}	10	10	10	MΩ
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	MΩ	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