

OC 70 OC 1070

Hangfrekvenciás pnp Ge-transzisztor

Jellemző értékek ($T_a = 25^\circ\text{C}$)

$$-I_{CBo}(-U_{CBo} = 4,5 \text{ V}) = 5(< 12) \mu\text{A}$$

$$-I_{CEo}(-U_{CEo} = 4,5 \text{ V}) = 110(\pm 225) \mu\text{A}$$

$$-I_C(-U_{CE} = 4,5 \text{ V}) = 0,4(0,21 \dots 0,65) \text{ mA} \quad -I_C(-U_{CE} = 4,5 \text{ V}) = 10(4,6 \dots 13,2) \text{ mA}$$

$$-U_{BE}(-I_B = 10 \mu\text{A}) = 110(75 \dots 150) \text{ mV} \quad -U_{BE}(-I_B = 250 \mu\text{A}) = 275(200 \dots 385) \text{ mV}$$

Kisjelű paraméterek ($-U_{CE} = 2 \text{ V}$, $-I_C = 0,5 \text{ mA}$)

$$h_{11e} = 2,2(1,2 \dots 3,6) \text{ k}\Omega \quad h_{21e} = 30(20 \dots 40)$$

$$h_{12e} = 9 \cdot 10^{-4} \quad h_{22e} = 23(< 53) \mu\text{S}$$

$$F(-U_{CE} = 2 \text{ V}, -I_C = 0,5 \text{ mA}) = 10(< 15) \text{ dB}$$

$$f_\beta(-U_{CE} = 2 \text{ V}, -I_C = 0,5 \text{ mA}) = 15 \text{ kHz}$$

Határértékek:

$$-U_{CBo} = 32 \text{ V}$$

$$-I_{BM} = 20 \text{ mA}$$

$$-U_{CER} = 30 \text{ V}$$

$$I_E = 15 \text{ mA}$$

$$-U_{EBo} = 6 \text{ V}$$

$$I_{EM} = 70 \text{ mA}$$

$$-I_C = 10 \text{ mA}$$

$$P = 125 \text{ mW}$$

$$-I_{CM} = 50 \text{ mA}$$

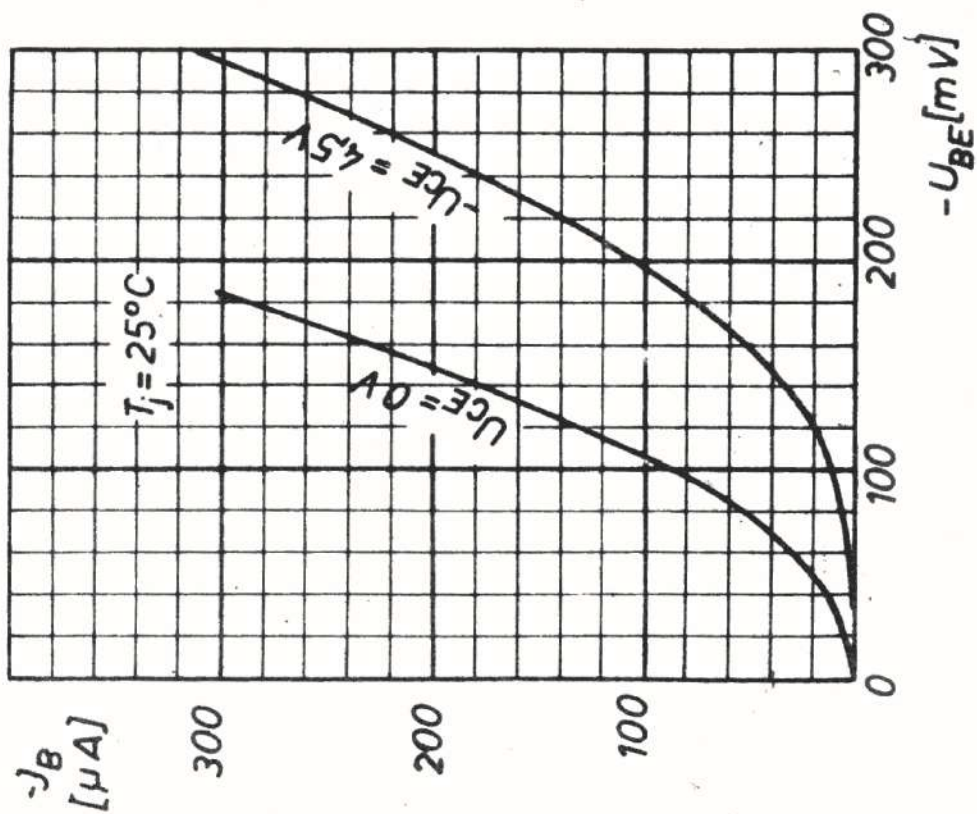
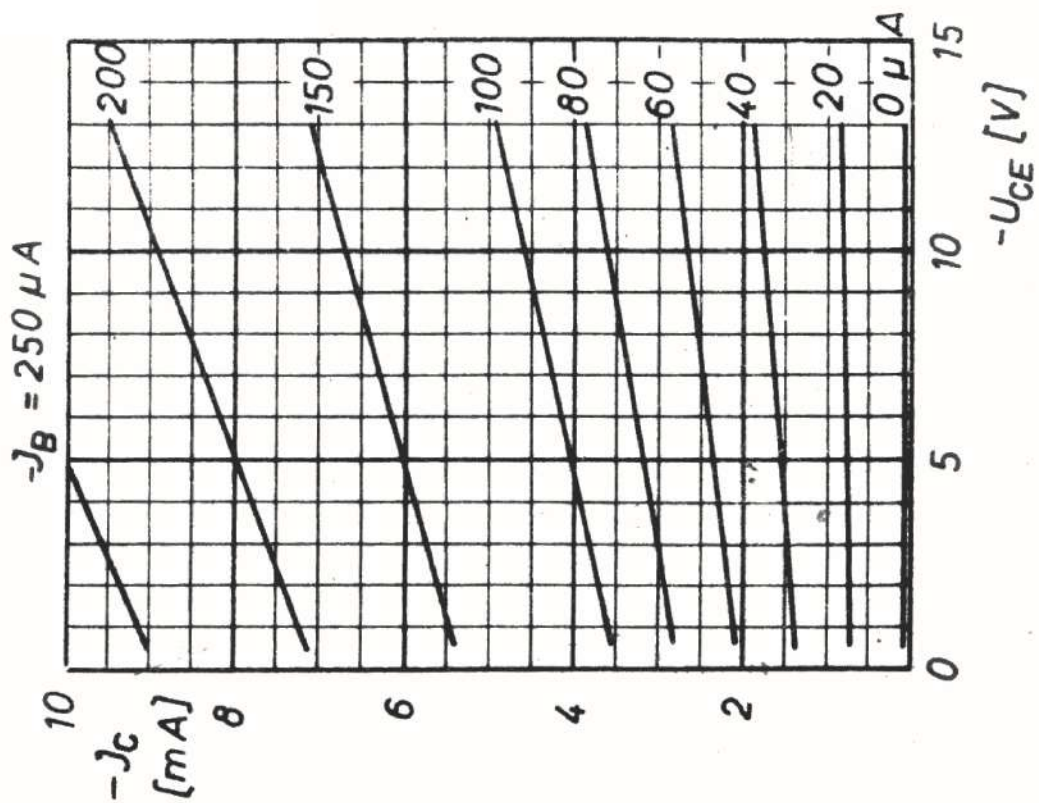
$$T_j = -55 \dots +75^\circ\text{C}$$

$$-I_B = 5 \text{ mA}$$

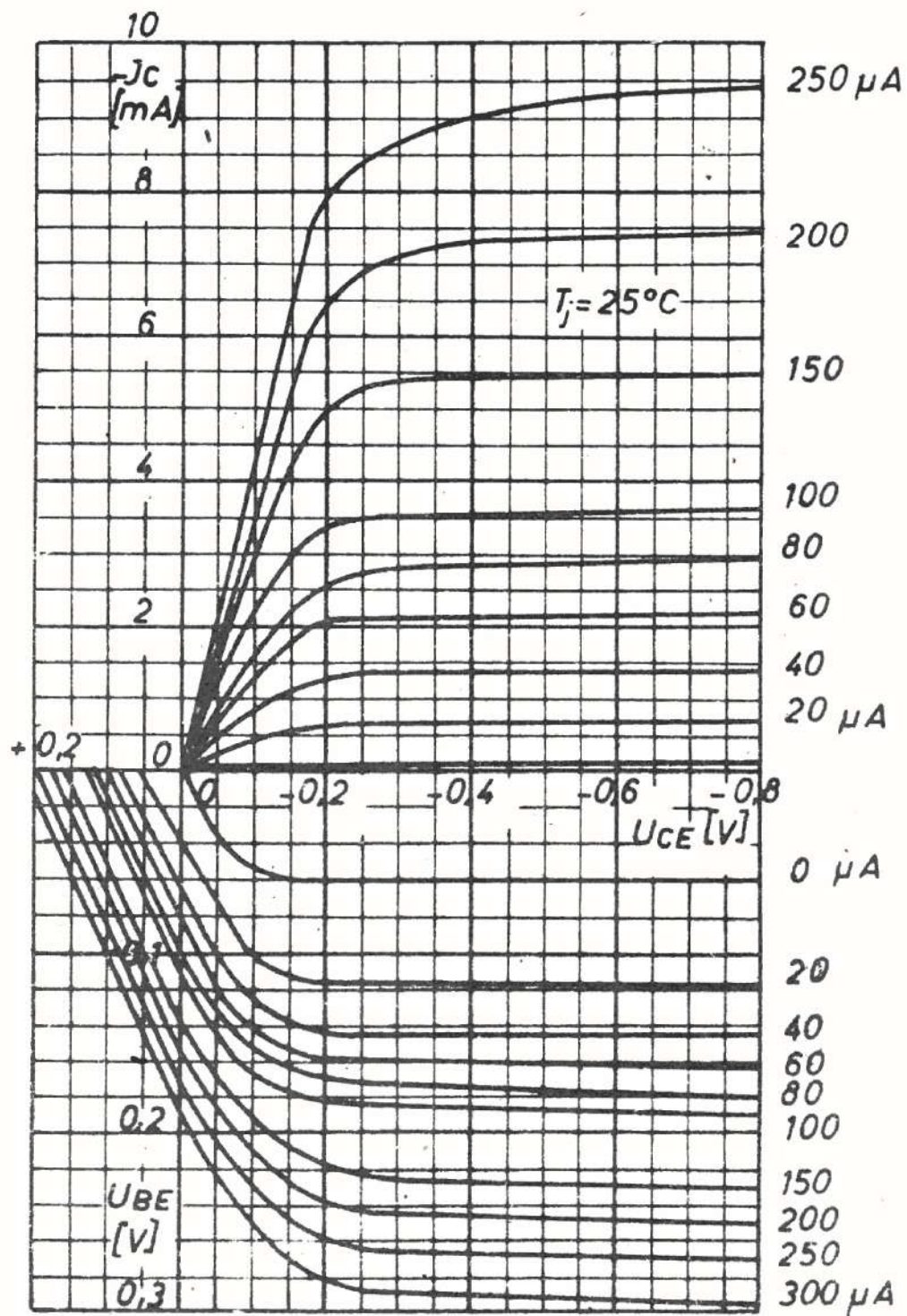
$$R_{ja} = 0,4^\circ\text{C/mW}$$

Kiviteli forma: TO-1 tok

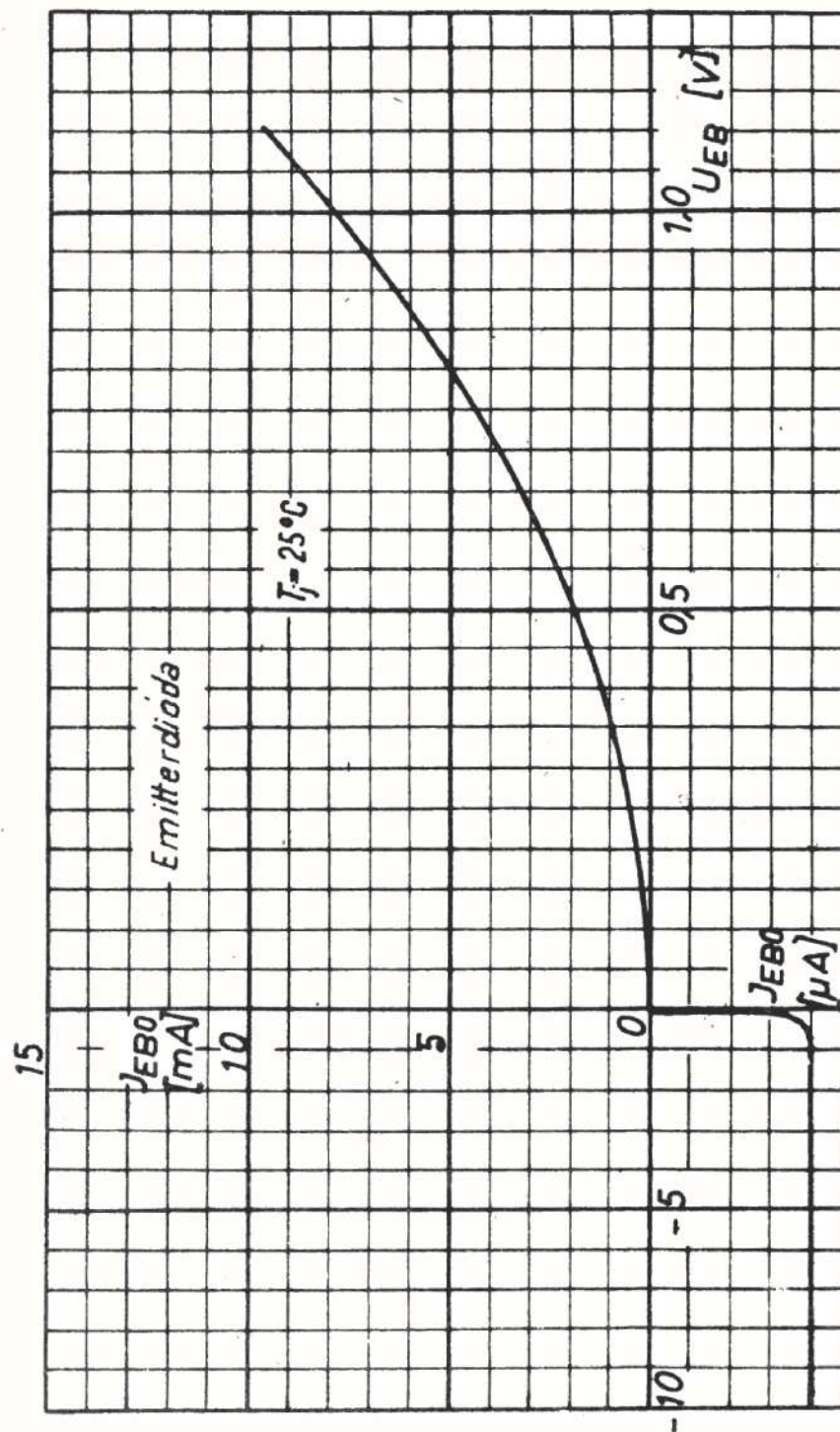
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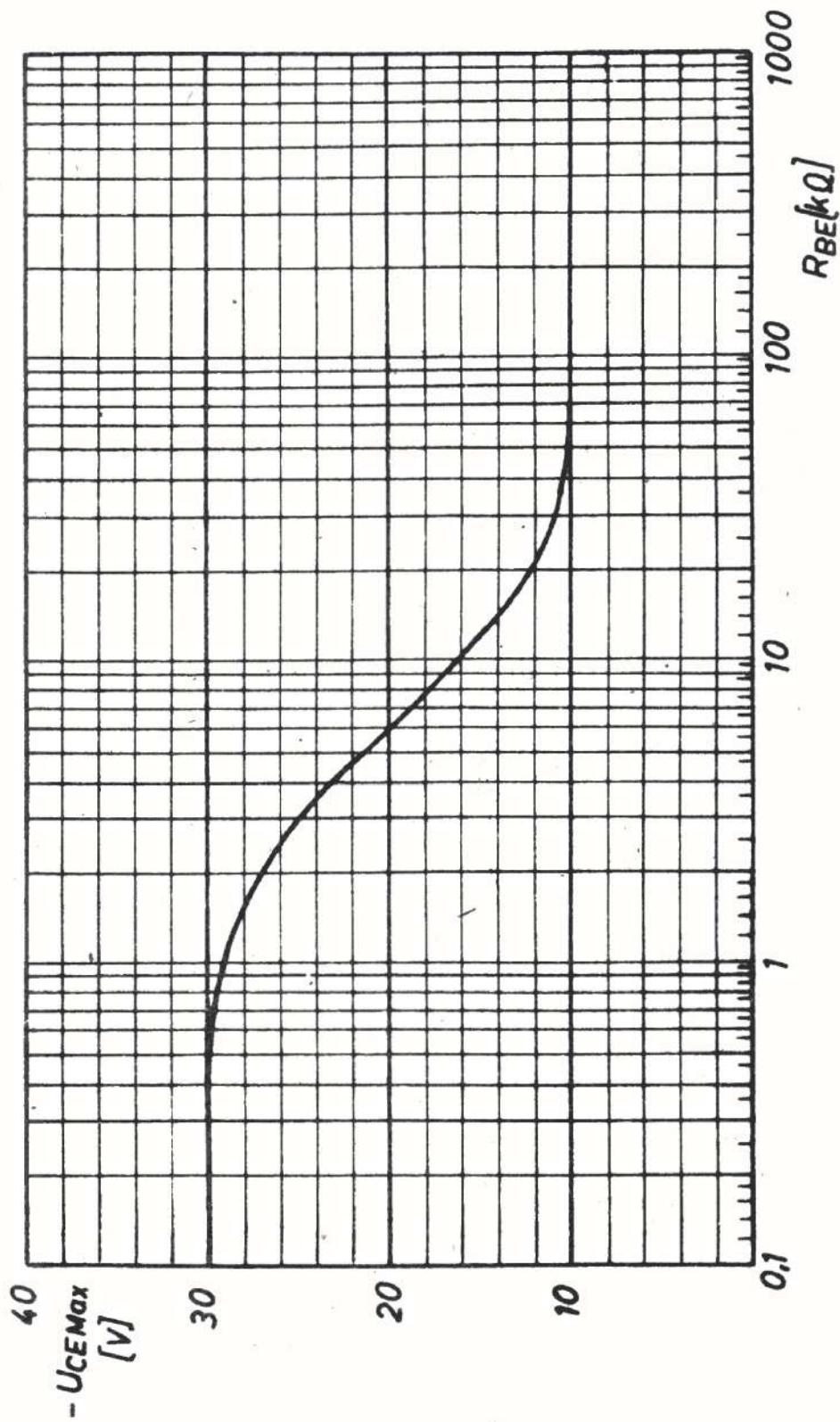
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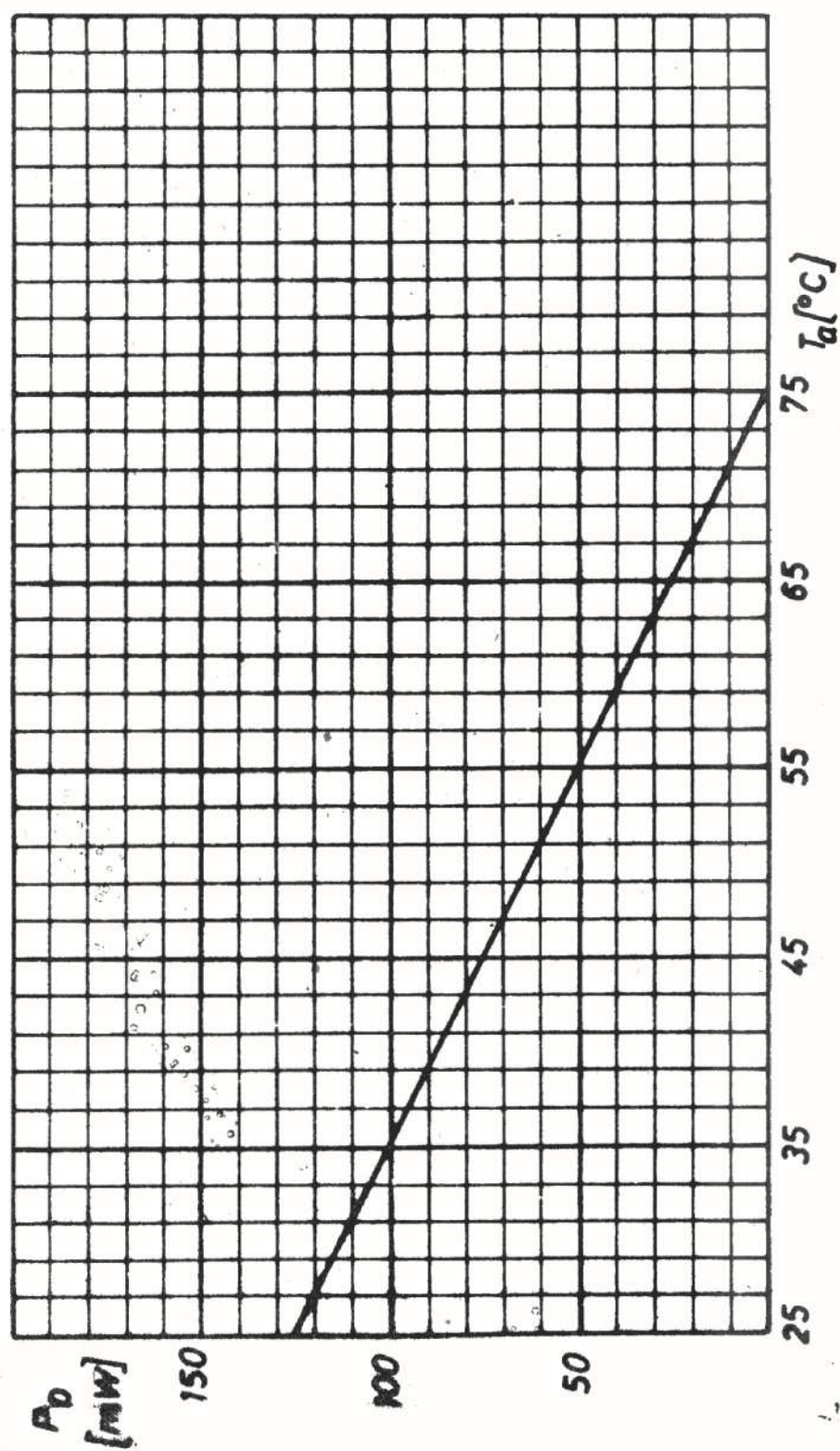
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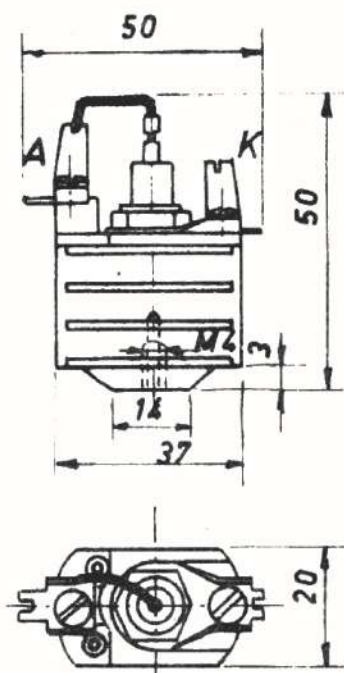
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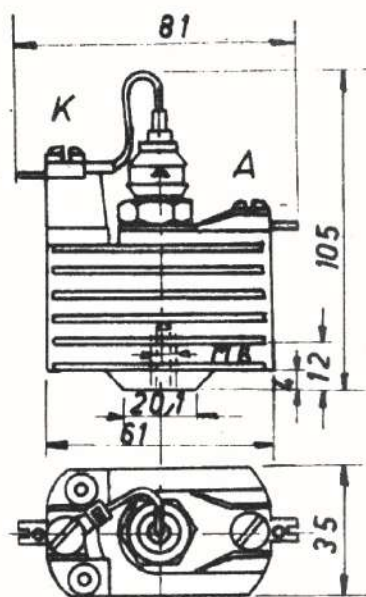
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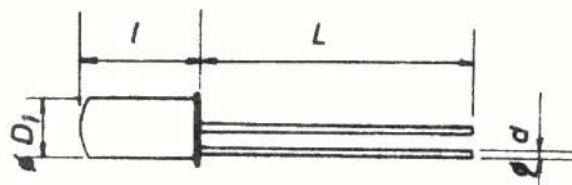
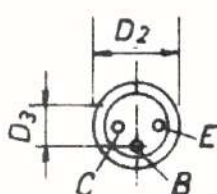
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8.2 Tranzisztorok

(a megadott hőellenállás adatok tájékoztató jellegűek):

TO - 1



$$R_{ja} = 0,2-0,4 \text{ } ^\circ\text{C/mW}$$

	l [mm]	L [mm]	D_1 [mm]	D_2 [mm]	D_3 [mm]	d [mm]
TO-1 normál	$10 \pm 0,3$	35^{+2}	$4,7 \pm 0,1$	6,1	$2,5 \pm 0,1$	$0,42 \pm 0,05$
TO-1 hosszu sapkával	14	39^{+2}	$4,7 \pm 0,1$	6,1	$2,5 \pm 0,1$	$0,42 \pm 0,05$
TO-1 nagy	10	35^{+2}	5,9	6,8	$2,5 \pm 0,1$	$0,5 \pm 0,05$