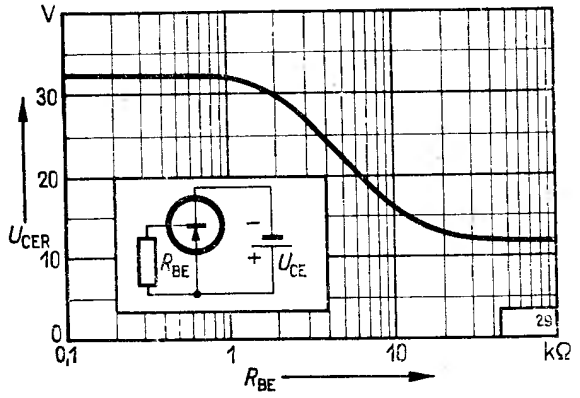
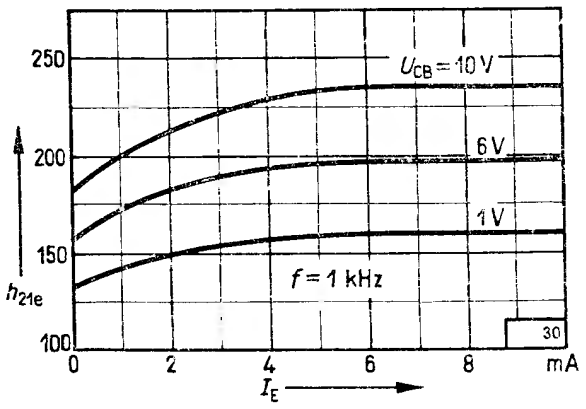
AC 126



$U_{CER} = f(R_{BE})$



$h_{21e} = f(I_E)$

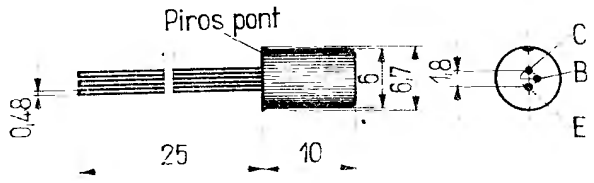
AC 128

Határértékek:

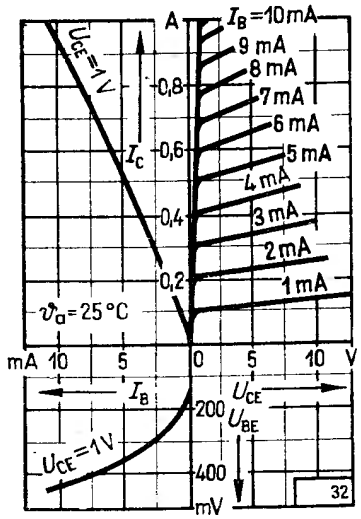
$\begin{bmatrix} P = 700\ \text{mW} \\ \vartheta_j = 90\ °\text{C} \end{bmatrix}$
$U_{CBO} = 32\ \text{V}$
$\begin{bmatrix} U_{CEO} = 32\ \text{V} \\ (R_{BE} = 500\ \Omega) \end{bmatrix}$
$U_{EBO} = 10\ \text{V}$
$I_C = 1\ \text{A}$
$I_B = 40\ \text{mA}$
$R_{thjc} = 0{,}04\ °\text{C/mW}$
$\begin{bmatrix} R_{thja} = 0{,}29\ °\text{C/mW} \\ (\text{hűtőbilincs nélkül}) \end{bmatrix}$
$R_{th} = 0{,}08\ °\text{C/mW}$
(hűtőbilincs+hűtőlap)
$\vartheta_{stg} = -55 \ldots +75\ °\text{C}$

Jellemző adatok: $\vartheta_j = 25\ °\text{C}$

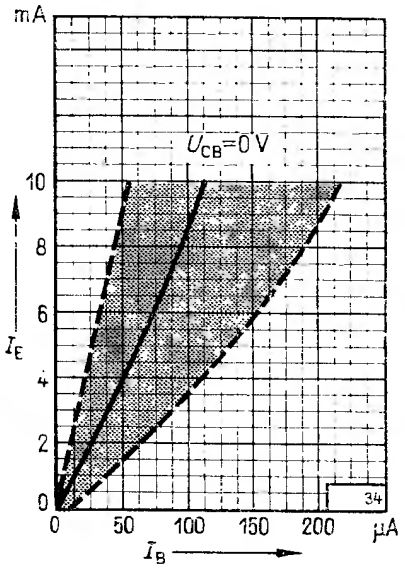
$I_{CBO} < 10\ \mu\text{A}$ $(U_{CB} = 10\ \text{V})$
$I_{EBO} < 500\ \mu\text{A}$ $(U_{CB} = 5\ \text{V},\ \vartheta_j = 75\ °\text{C})$
$U_{(BR)\,CBO} < 32\ \text{V}$ $(I_{CBO} = 200\ \mu\text{A})$
$U_{CEsat} < 0{,}6\ \text{V}$ $(I_C = 1\ \text{A})$
$U_{(BR)EBO} > 10\ \text{V}$ $(I_{EBO} = 200\ \mu\text{A})$
$U_{BEsat} < 300\ \text{mV}$ $(U_{CB} = 0\ \text{V},\ I_E = 50\ \text{mA})$
$U_{BEsat} < 450\ \text{mV}$ $(U_{CB} = 0\ \text{V},\ I_E = 300\ \text{mA})$
$h_{21E} = 55 \ldots 175$ $(U_{CB} = 0\ \text{V},\ I_E = 50\ \text{mA})$
$h_{21E} = 60 \ldots 175$ $(U_{CB} = 0\ \text{V},\ I_E = 300\ \text{mA})$
$h_{21E} = 45 \ldots 165$ $(U_{CB} = 2\ \text{V},\ I_E = 1\ \text{mA})$
$f_T > 1\ \text{MHz}$ $(U_{CB} = 2\ \text{V},\ I_E = 10\ \text{mA})$
$C_{bc} \cong 100\ \text{pF}$ $(U_{CB} = 2\ \text{V},\ I_E = 10\ \text{mA})$
$r_{bb'} = 25\ \Omega$ $(U_{CB} = 5\ \text{V},\ I_E = 1\ \text{mA})$



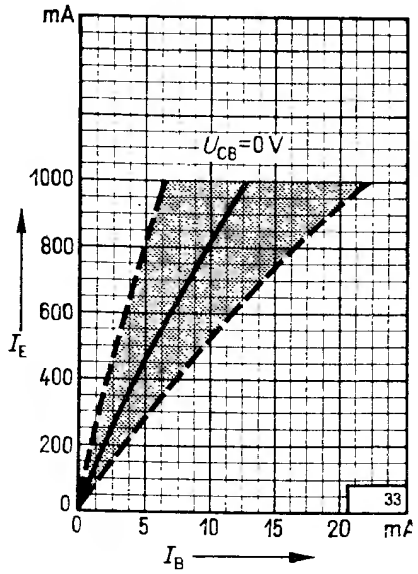
AC 128



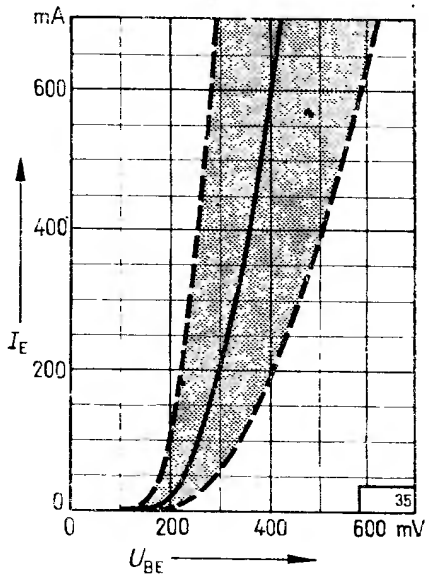
Általános jelleggörbék



$I_E = f(I_B)$

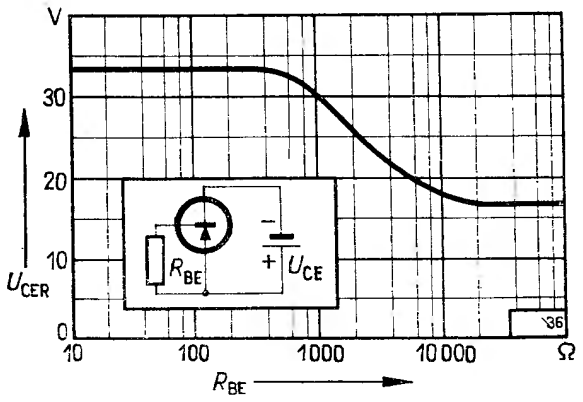


$I_E = f(I_B)$

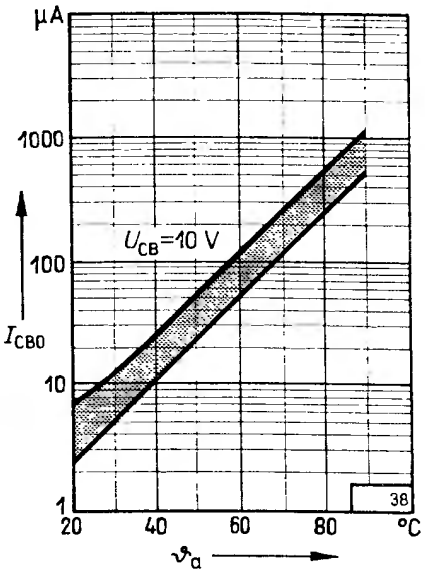


$I_E = f(U_{BE})$

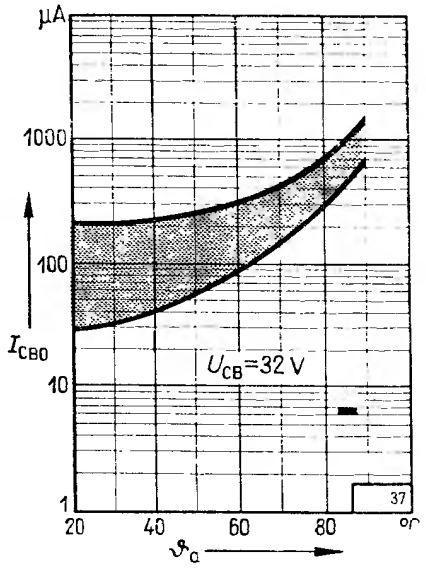
AC 128



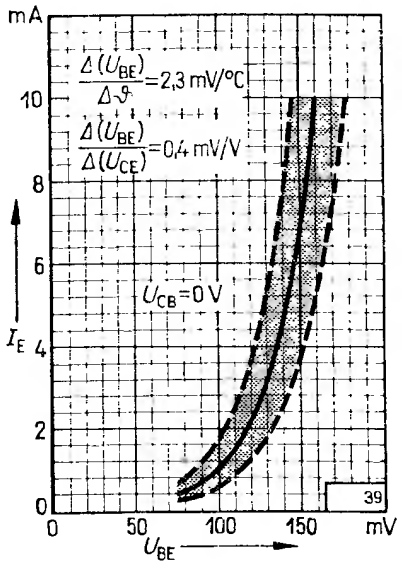
$U_{CER} = f(R_{BE})$



$I_{CBO} = f(\vartheta_a)$

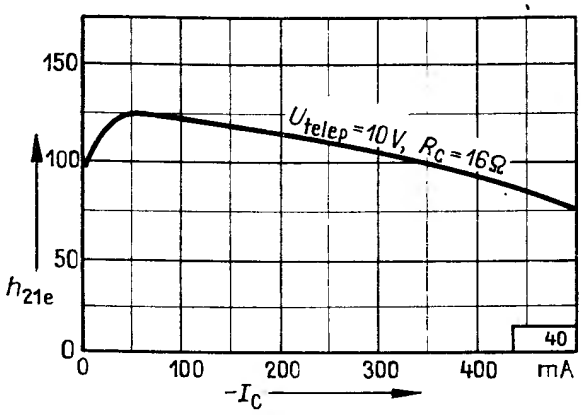


$I_{CBO} = f(\vartheta_a)$

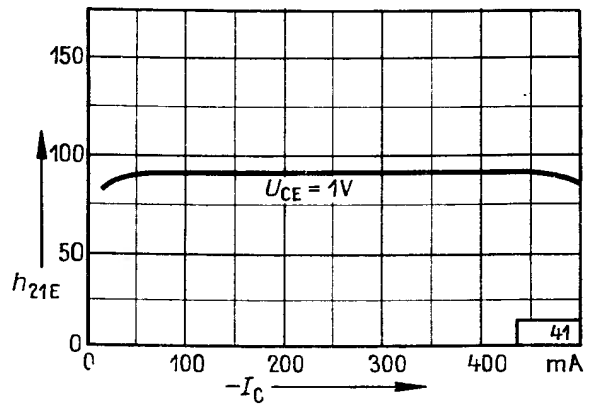


$I_E = f(U_{BE})$

AC 128



$h_{21e} = f(I_C)$



$h_{21E} = f(I_C)$

AC 128 K

Határértékek:

$\begin{bmatrix} P_{tot} = 670\ mW \\ (\vartheta_c = 60\,°C) \end{bmatrix}$ $U_{EBO} = 10\ V$

$I_{C(AV)} = 2\ A$

$\begin{bmatrix} P_{tot} = 1\ W \\ (\vartheta_j = 90\,°C) \end{bmatrix}$ $\begin{bmatrix} I_{C(M)} = 40\ mA \\ \vartheta_j = 90\,°C \end{bmatrix}$

$U_{CBO} = 32\ V$ $R_{thjc} = 0{,}045\,°C/mW$

$U_{CER} = 32\ V$

Jellemző adatok: $\vartheta_a = 25\,°C$

$h_{21E} = 90$ $(U_{CB} = 0\ V,\ I_E = 300\ mA)$

$h_{21E} = 80$ $(U_{CB} = 0\ V,\ I_E = 1\ A)$

$f_T = 1{,}5\ MHz$ $(U_{CB} = 2\ V,\ I_E = 10\ mA)$

(További adatok és jelleggörbék az AC 128-nál)