

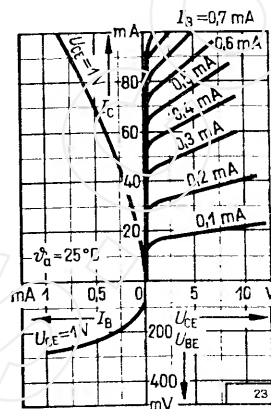
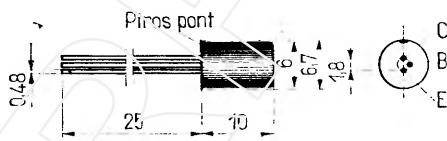
AC 126

Határértékek:

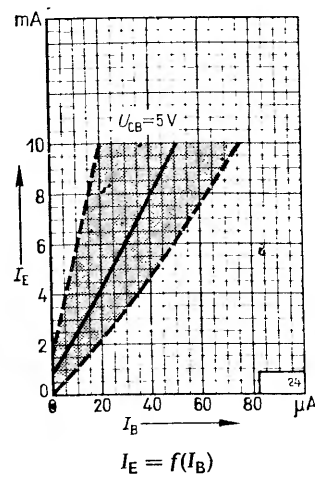
$P = 500 \text{ mW}$	$I_B = 5 \text{ mA}$
$U_{CBO} = 32 \text{ V}$	$\vartheta_i = 90 \text{ }^\circ\text{C}$
$[U_{CER} = 32 \text{ V}]$	$R_{thja} = 0,3 \text{ }^\circ\text{C/mW}$
$[R_{BE} = 1 \text{ k}\Omega]$	$[R_{thjc} = 0,09 \text{ }^\circ\text{C/mW}]$
$U_{EBO} = 10 \text{ V}$	$[12,5 \text{ cm}^2\text{-es hűtőlemezzel}]$
$I_C = 200 \text{ mA}$	$\vartheta_{stg} = -55 \dots +90 \text{ }^\circ\text{C}$

Jellemző adatok: $\vartheta_i = 25 \text{ }^\circ\text{C}$

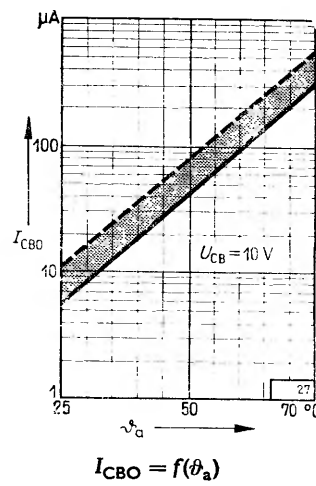
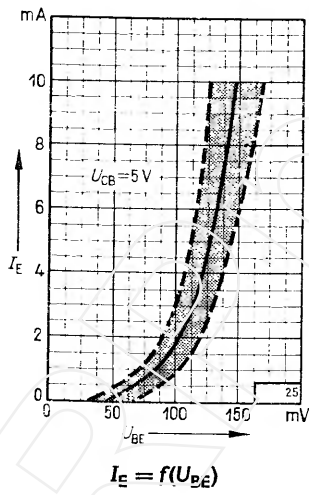
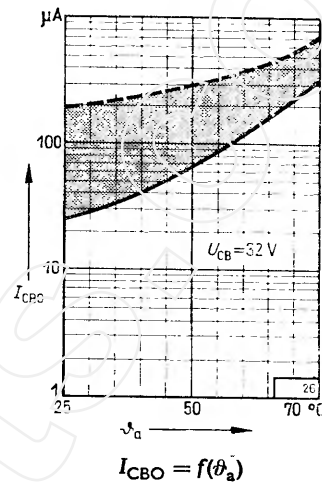
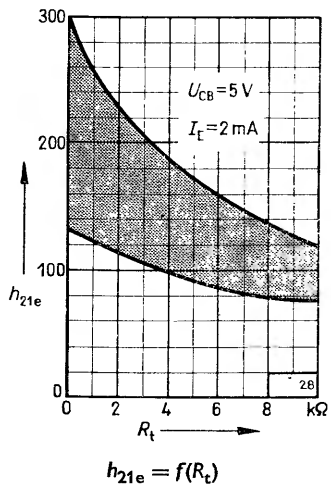
$I_{CBO} \cong 10 \text{ }\mu\text{A}$ ($U_{CB} = 10 \text{ V}$)	
$I_{CBO} \cong 550 \text{ }\mu\text{A}$ ($U_{CB} = 10 \text{ V}$, $\vartheta_i = 75 \text{ }^\circ\text{C}$)	
$I_{EBO} \cong 550 \text{ }\mu\text{A}$ ($U_{EB} = 5 \text{ V}$, $\vartheta_i = 75 \text{ }^\circ\text{C}$)	
$U_{(BR)CBO} > 32 \text{ V}$ ($I_C = 0,5 \text{ mA}$, $U_{BE} = 0 \text{ V}$)	
$U_{(BR)EBO} > 10 \text{ V}$ ($I_{EBO} = 200 \text{ }\mu\text{A}$)	
$U_{BEsat} < 105 \text{ mV}$ ($U_{CB} = 5 \text{ V}$, $I_E = 2 \text{ mA}$)	
$U_{BEsat} < 400 \text{ mV}$ ($U_{CB} = 0 \text{ V}$, $I_E = 100 \text{ mA}$)	
$h_{21E} \cong 140 \dots 65$ ($U_{CB} = 5 \text{ V}$, $I_E = 2 \text{ mA}$)	
$h_{21E} \cong 135$ ($U_{CB} = 0 \text{ V}$, $I_E = 50 \text{ mA}$)	
$h_{21E} \cong 105$ ($U_{CB} = 0 \text{ V}$, $I_E = 100 \text{ mA}$)	
$f_1 = 2,3 \dots 1,7 \text{ MHz}$ ($U_{CB} = 2 \text{ V}$, $I_E = 10 \text{ mA}$)	
$f_\beta = 17 \dots 10 \text{ kHz}$ ($U_{CB} = 2 \text{ V}$, $I_E = 10 \text{ mA}$)	
$F = 4 \dots 10 \text{ dB}$ [$U_{CB} = 5 \text{ V}$, $I_E = 0,5 \text{ mA}$]	
	$[R_{gen} = 500 \text{ }\Omega$, $f = 1 \text{ kHz}]$
$C_{bc} = 40 \dots 50 \text{ pF}$ [$U_{CB} = 5 \text{ V}$, $I_E = 0 \text{ mA}$]	
	$[f = 450 \text{ kHz}]$
$\beta = 130 \dots 300$ ($U_{CB} = 5 \text{ V}$, $I_E = 2 \text{ mA}$, $f = 1 \text{ kHz}$)	



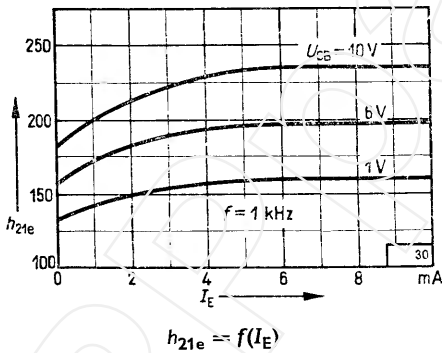
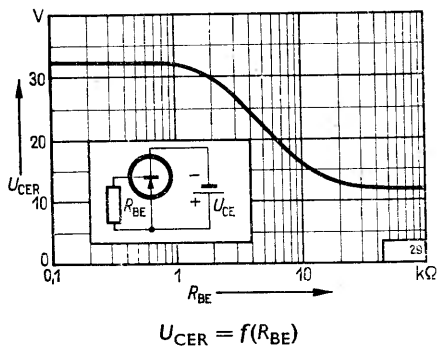
Általános jelleggörbék



AC 126



AC 126



AC 128

Határértékek:

$P = 700 \text{ mW}$	$I_B = 40 \text{ mA}$
$\theta_j = 90 \text{ }^\circ\text{C}$	$R_{thjc} = 0,04 \text{ }^\circ\text{C/mW}$
$U_{CBO} = 32 \text{ V}$	$R_{thja} = 0,29 \text{ }^\circ\text{C/mW}$
$U_{CEO} = 32 \text{ V}$	$(\text{hűtőbilincs nélkül})$
$(R_{BE} = 500 \Omega)$	$R_{th} = 0,08 \text{ }^\circ\text{C/mW}$
$U_{EBO} = 10 \text{ V}$	$(\text{hűtőbilincs} + \text{hűtőlap})$
$I_C = 1 \text{ A}$	$\theta_{stg} = -55 \dots +75 \text{ }^\circ\text{C}$

Jellemző adatok: $\theta_j = 25 \text{ }^\circ\text{C}$

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

