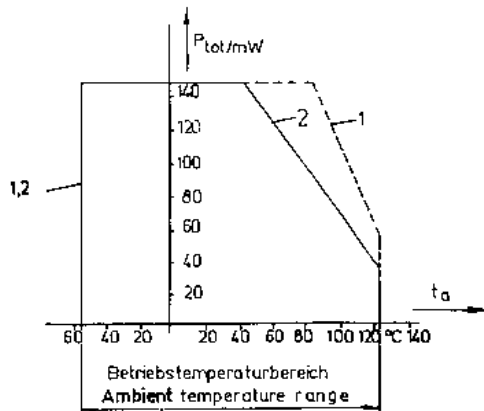


	Min.	Typ.	Max.
Kollektor-Rückwirkungszeitkonstante Feedback time constant $U_{CB} = 10\text{ V}, I_C = 1\text{ mA}, f = 30\text{ MHz}$			
$r_{bb'}C_{b'c}$		38,7	ps
Rückwirkungskapazität Feedback capacitance $U_{CE} = 10\text{ V}, I_C = 1\text{ mA}, f = 10,7\text{ MHz}$			
$-C_{re}$	0,35	0,6	pF

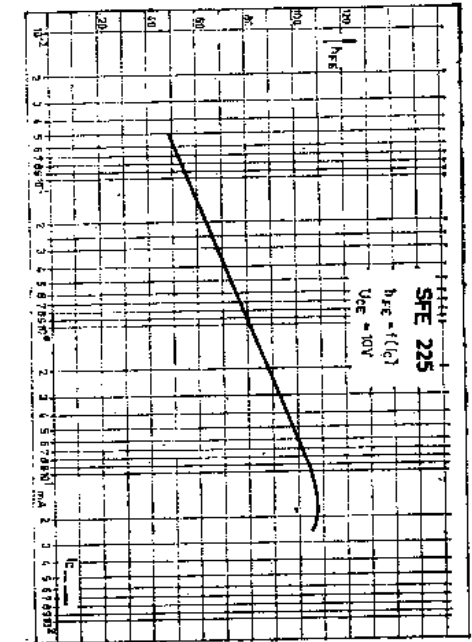
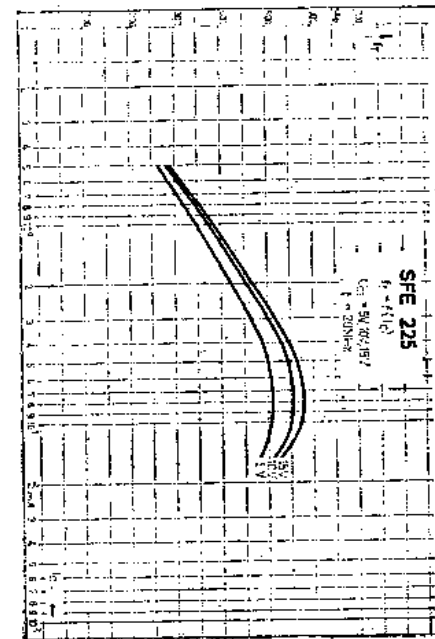
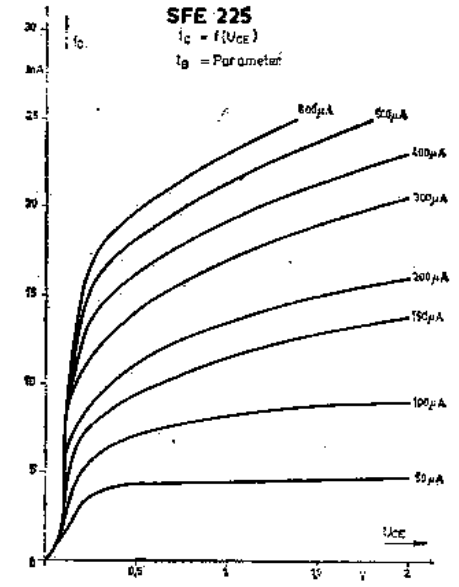
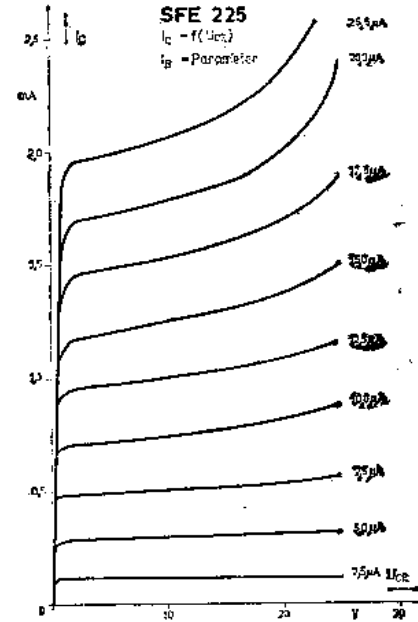
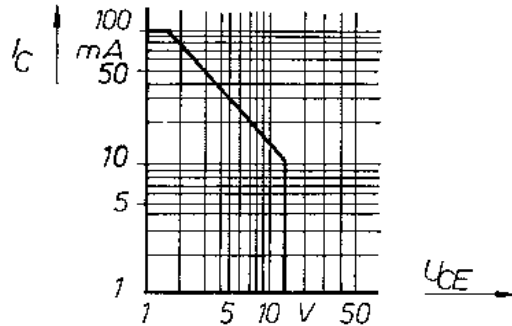
y-Parameter in Emitterschaltung
y-parameters in common emitter configuration

	Min.	Typ.	Max.
$U_{CE} = 10\text{ V}, I_C = 1\text{ mA}, f = 10,7\text{ MHz}$			
g_{ie}		201	μS
C_{ie}		4,9	pF
$ y_{re} $		25,5	μS
$-\varphi_{re}$		91,44	$^\circ$
$ y_{fe} $		12,8	mS
$-\varphi_{fe}$		176,4	$^\circ$
g_{oe}		99,6	μS
C_{oe}		2,4	pF

*) Messung erfolgt impulsmäßig, $t_p/T = 0,01$, $t_p = 0,3\text{ ms}$
Pulse measurement



- 1 $R_{thJA} = 0,45\text{ K/mW}$
auf Keramik/on ceramic $30 \times 12 \times 1\text{ mm}$
- 2 $R_{thJA} = 0,7\text{ K/mW}$
auf Glassubstrat/on glass substrat $7 \times 7 \times 1\text{ mm}$



Stempelcode: / Code on case:

SFE 225 HO

