

A.F. TRANSISTORS N-P-N

NF-TRANSISTOREN N-P-N

Type	Maximum ratings • Grenzdaten						I_{CBO} at	U_{CB}	h_{21e}	at	U_{CE}	I_C	f	f_T	F	Case Gehäuse
Typ	U_{CBO}	U_{CEO}	U_{EBO}	I_C	P_{tot}	ϑ_f	I_{CES}^* bei	U_{CES}^*	h_{21E}^*	bei						
	V	V	V	mA	mW	°C	nA	V			V	mA	kHz	MHz	dB	
KC147	45	45	5	100	200 ¹⁾	125	15	45	125 ... 500		5	2	1	150	10 ³⁾	T28
KC148	20	20	5	100	200 ¹⁾	125	15	20	125 ... 900		5	2	1	150	10 ³⁾	T28
KC149	20	20	5	100	200 ¹⁾	125	15	20	240 ... 900		5	2	1	150	4 ²⁾	T28
KC237A	50*	45	6	100	300	150	15*	50*	120 ... 220*		5	2	—	150	10 ³⁾	T16
KC237B	50*	45	6	100	300	150	15*	50*	180 ... 460*		5	2	—	150	10 ³⁾	T16
KC237V	70*	64	6	100	300	150	15*	70*	30 ... 150*		5	2	—	150	10 ³⁾	T16
KC238A	30*	20	5	100	300	150	15*	30*	120 ... 220*		5	2	—	150	10 ³⁾	T16
KC238B	30*	20	5	100	300	150	15*	30*	180 ... 460*		5	2	—	150	10 ³⁾	T16
KC238C	30*	20	5	100	300	150	15*	30*	380 ... 800*		5	2	—	150	10 ³⁾	T16
KC239B	30*	20	5	50	300	150	15*	30*	180 ... 460*		5	2	—	150	4 ³⁾	T16
KC239C	30*	20	5	50	300	150	15*	30*	380 ... 800*		5	2	—	150	4 ³⁾	T16
KC239F	30*	20	5	50	300	150	15*	30*	300 ... 800*		5	2	—	150	2 ²⁾	T16
KC507	45	45	5	100	300	175	15	45	125 ... 500		5	2	1	150	10 ³⁾	T11
KC508	20	20	5	100	300	175	15	20	125 ... 900		5	2	1	150	10 ³⁾	T11
KC509	20	20	5	100	300	175	15	20	240 ... 900		5	2	1	150	4 ²⁾	T11
KC635	45*	45	5	1A	800	150	100	30	40 ... 300*		2	150	—	50	—	T16
KC637	60*	60	5	1A	800	150	100	30	40 ... 160*		2	150	—	50	—	T16
KC639	100*	80	5	1A	800	150	100	30	40 ... 160*		2	150	—	50	—	T16

¹⁾ $\vartheta_a \leq 45^\circ\text{C}$, without cooling • ohne Kühlung

²⁾ $U_{CE} = 5\text{ V}$, $I_C = 0,2\text{ mA}$, $R_g = 2\text{ k}\Omega$, $\Delta f = 30 \dots 15\,000\text{ Hz}$

³⁾ $U_{CE} = 5\text{ V}$, $I_C = 0,2\text{ mA}$, $R_g = 2\text{ k}\Omega$, $f = 1\text{ kHz}$, $\Delta f = 200\text{ Hz}$