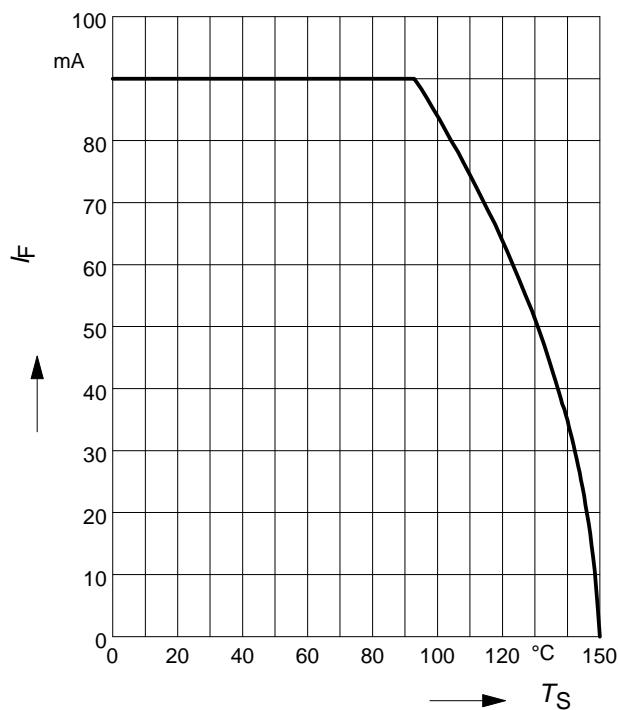


Electrical Characteristics at $T_A = 25^\circ\text{C}$, unless otherwise specified.

Parameter	Symbol	Values			Unit
		min.	typ.	max.	
DC characteristics					
Reverse current $V_R = 20 \text{ V}$ $V_R = 25 \text{ V}$	I_R	-	-	100 150	nA
Forward voltage $I_F = 1 \text{ mA}$ $I_F = 10 \text{ mA}$ $I_F = 35 \text{ mA}$	V_F	- - -	385 530 800	400 650 950	mV
AC characteristics					
Diode capacitance $V_R = 0 \text{ V}, f = 1 \text{ MHz}$	C_T	-	-	1.1	pF
Differential forward resistance $I_F = 5 \text{ mA}, f = 10 \text{ kHz}$	R_f	-	16	-	Ω

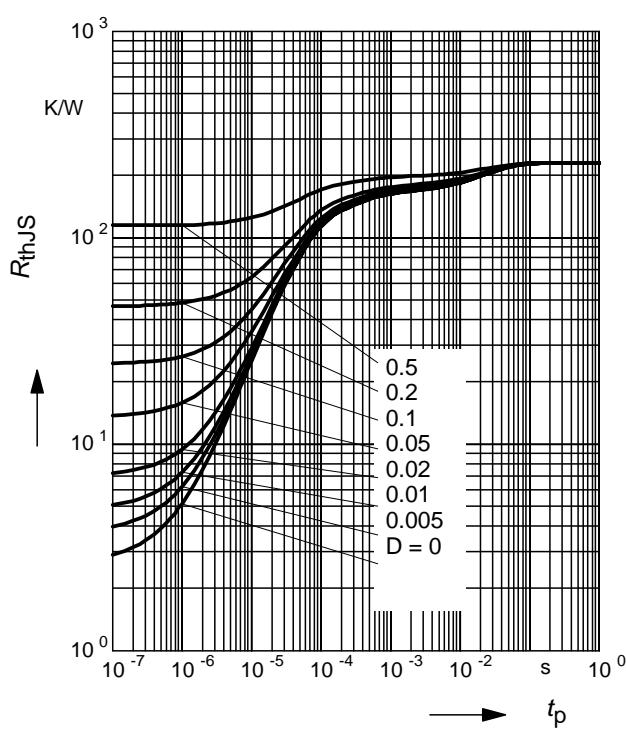
Forward current $I_F = f(T_S)$

BAS125W



Permissible Pulse Load $R_{thJS} = f(t_p)$

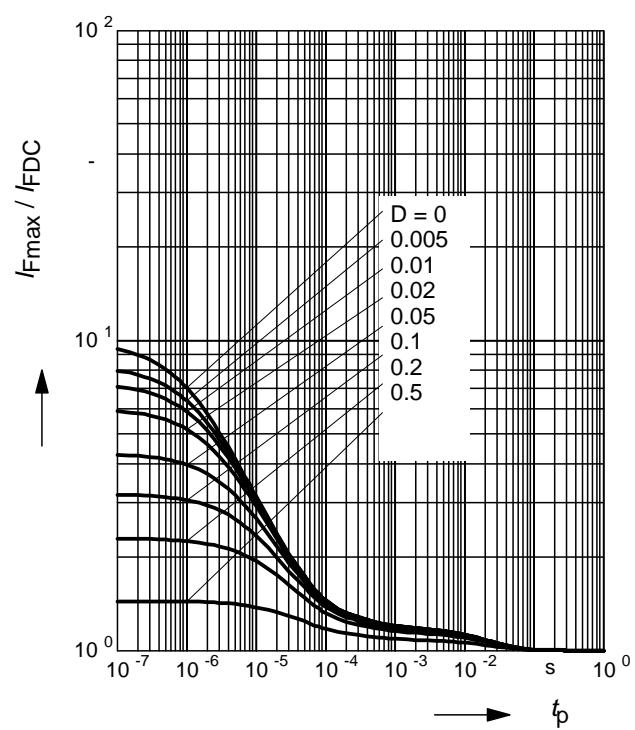
BAS125W



Permissible Pulse Load

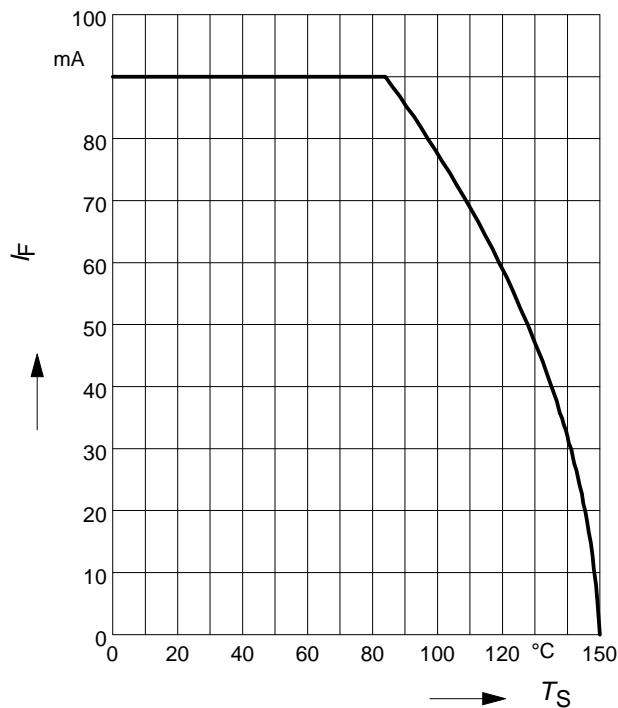
$I_{Fmax} / I_{FDC} = f(t_p)$

BAS125W



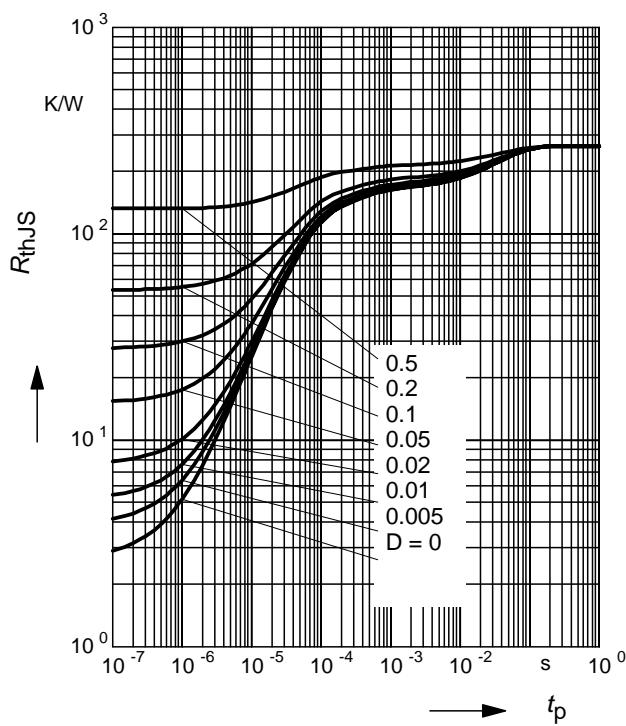
Forward current $I_F = f(T_S)$

BAS125-04W...06W (I_F per diode)



Permissible Pulse Load $R_{thJS} = f(t_p)$

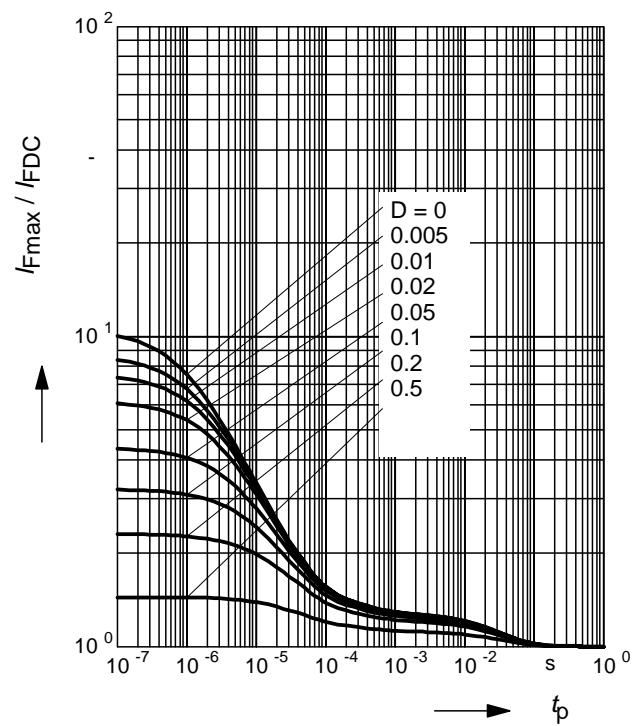
BAS125-04W...06W



Permissible Pulse Load

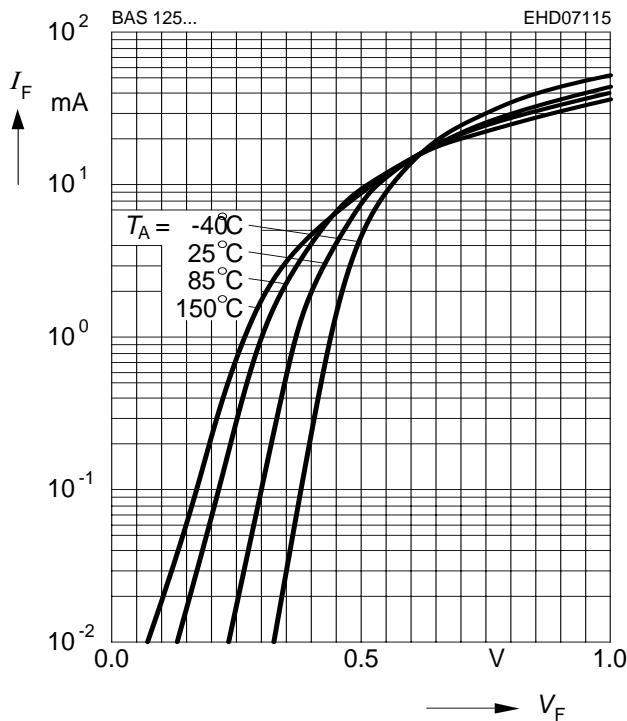
$I_{Fmax} / I_{FDC} = f(t_p)$

BAS125-04W...06W



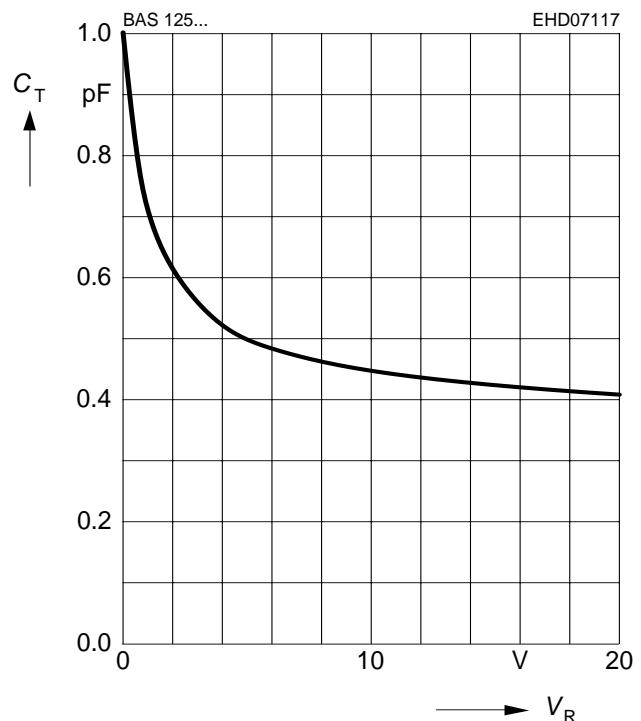
Forward current $I_F = f(V_F)$

T_A = Parameter



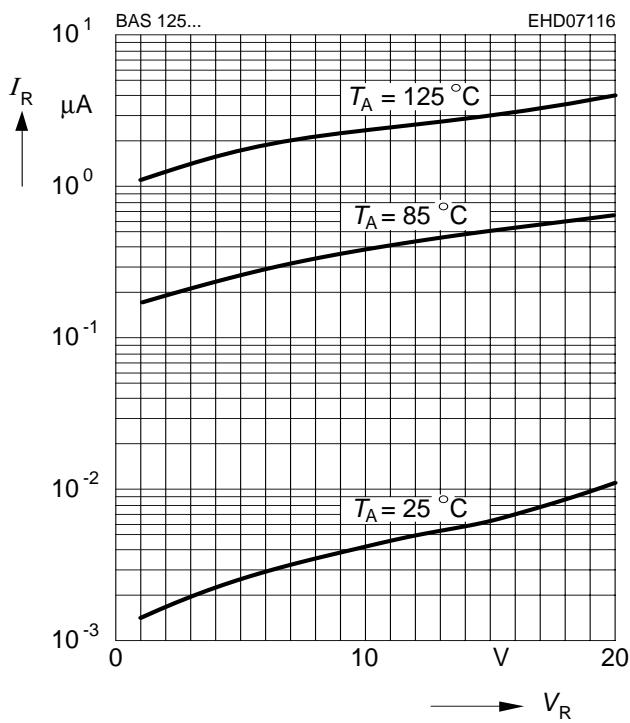
Diode capacitance $C_T = f(V_R)$

$f = 1\text{MHz}$



Reverse current $I_R = f(V_R)$

T_A = Parameter



Differential forward resistance $r_f = f(I_F)$

$f = 10\text{ kHz}$

