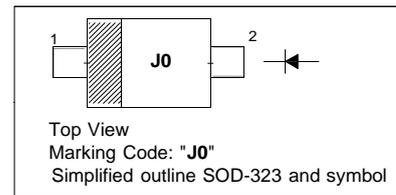


SCHOTTKY BARRIER DIODE

PINNING

PIN	DESCRIPTION
1	Cathode
2	Anode



Absolute Maximum Ratings ($T_a = 25\text{ °C}$)

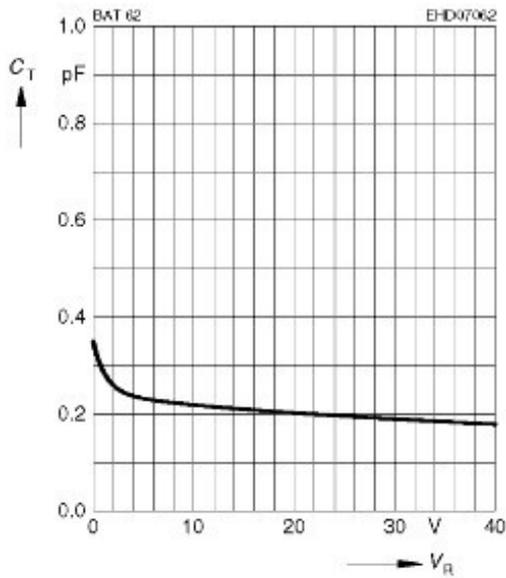
Parameter	Symbol	Value	Unit
Reverse Voltage	V_R	40	V
Forward Current	I_F	20	mA
Total Power Dissipation	P_{tot}	100	mW
Junction Temperature	T_J	150	°C
Storage Temperature Range	T_{stg}	- 55 to + 150	°C

Characteristics at $T_a = 25\text{ °C}$

Parameter	Symbol	Max.	Unit
Forward Voltage at $I_F = 2\text{ mA}$	V_F	1	V
Reverse Current at $V_R = 40\text{ V}$	I_R	10	μA
Diode Capacitance at $V_R = 0\text{ V}$, $f = 1\text{ MHz}$	C_T	0.6	pF

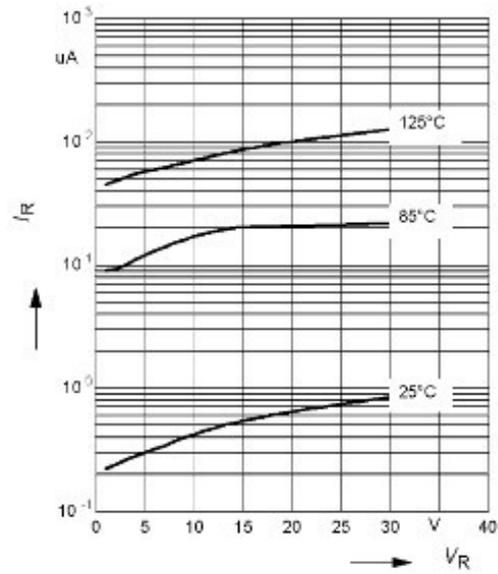
Diode capacitance $C_T = f(V_R)$

$f = 1\text{MHz}$



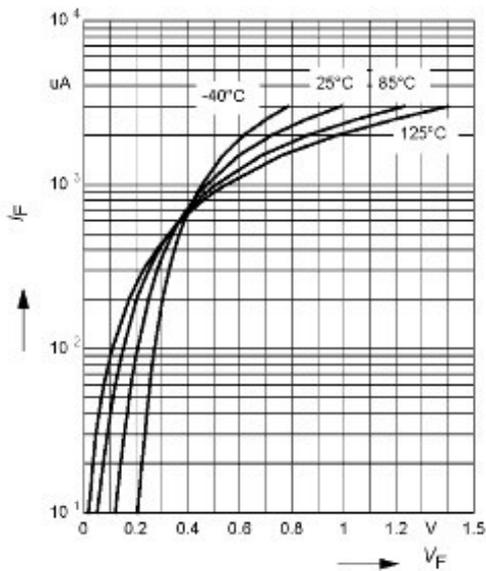
Reverse current $I_R = f(V_R)$

$T_A = \text{Parameter}$



Forward current $I_F = f(V_F)$

$T_A = \text{Parameter}$



Forward current $I_F = f(T_S)$

