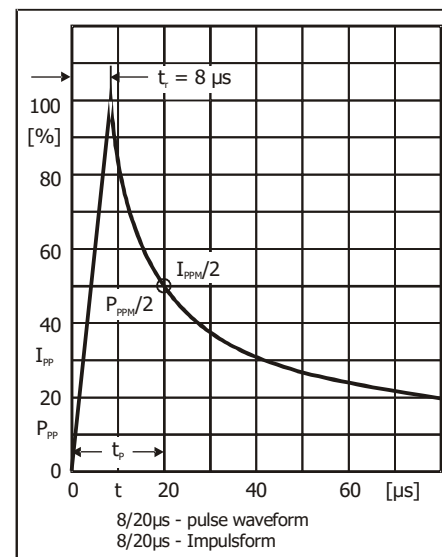
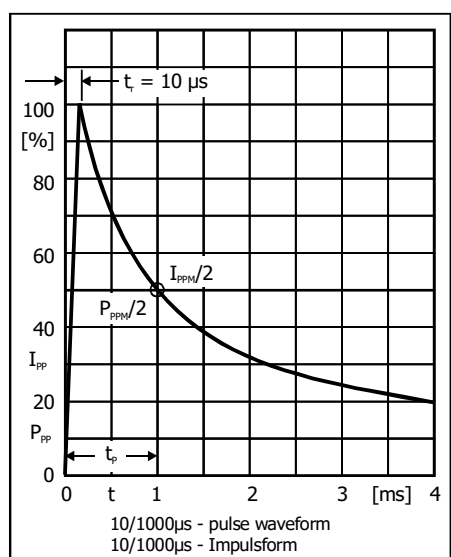
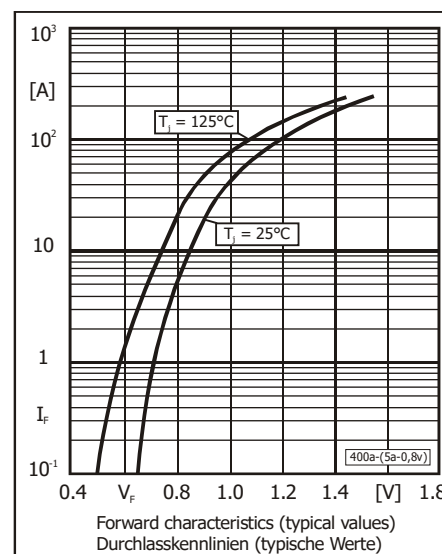
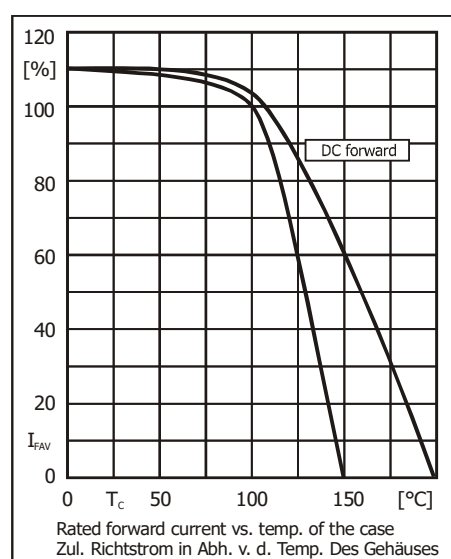


Characteristics
Kennwerte

Type / Typ		Stand-off voltage Sperrspannung V_{WM} [V]	Reverse current Sperrstrom I_D [μ A] @ V_{WM}		Breakdown voltage Abbruch-Spannung $V_{BR min}$ [V]	Forward voltage Durchlass-Spannung V_F [V] $T_j = 25^\circ\text{C}$	
Polarity / Polarität			$T_j = 25^\circ\text{C}$	$T_j = 100^\circ\text{C}$	$I_T = 5 \text{ mA}$	$I_F = 5 \text{ A}$	$I_F = 20 \text{ A}$
K (Standard)	A (Reverse)						
KT20K120	KT20A120	120	< 5	< 200	150	< 0.85	< 0.98
KT20K150	KT20A150	150	< 5	< 200	160	< 0.85	< 0.98

Reverse recovery time Sperrverzögerung	$I_F = 0.5 \text{ A}$ through/über $I_R = 1 \text{ A}$ to/auf $I_R = 0.25 \text{ A}$	t_{rr}	< 300 ns
Typical junction capacitance – Typische Sperrschichtkapazität	$V_R = 4 \text{ V}$	C_j	430 pF
Thermal resistance junction to case Wärmewiderstand Sperrschicht – Gehäuse		R_{thC}	< 1.5 K/W ¹⁾



Disclaimer: See data book page 2 or [website](#)
Haftungsausschluss: Siehe Datenbuch Seite 2 oder [Internet](#)

1 Measured at heat flange – Gemessen an der Kühlfahne