

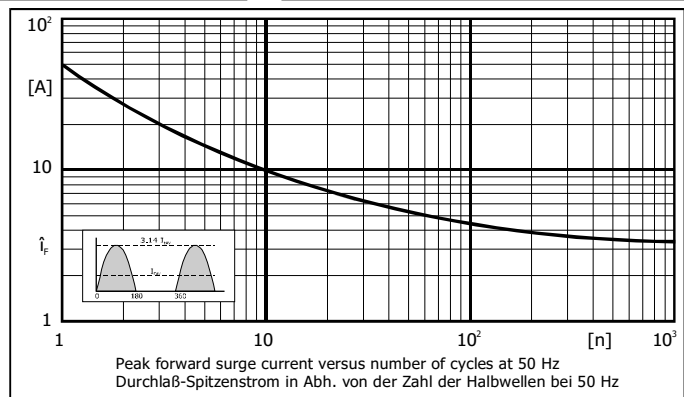
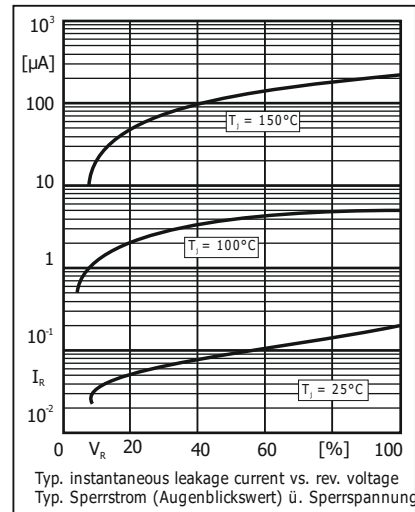
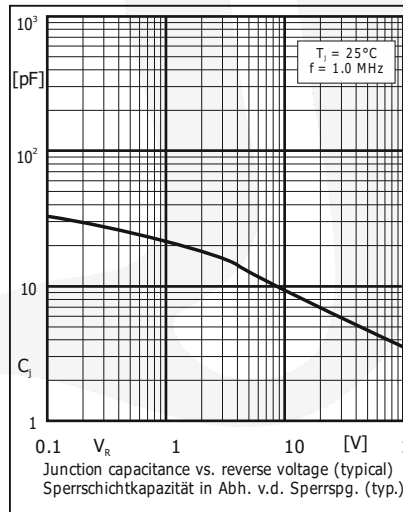
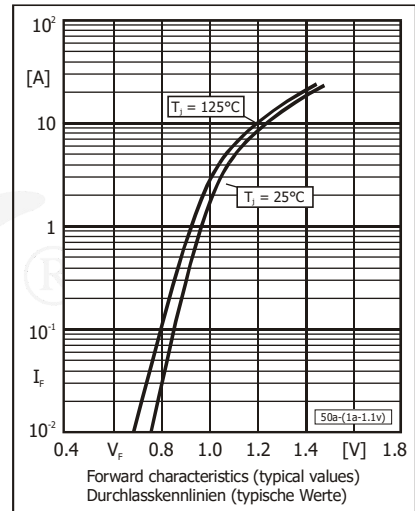
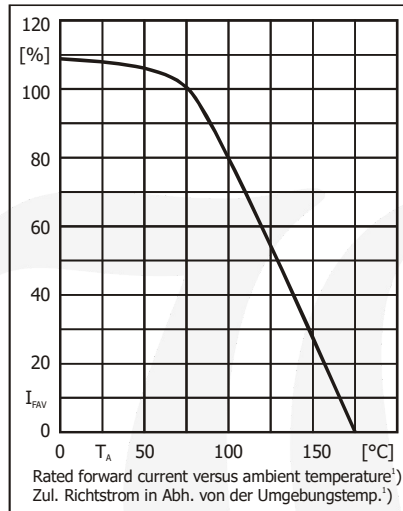
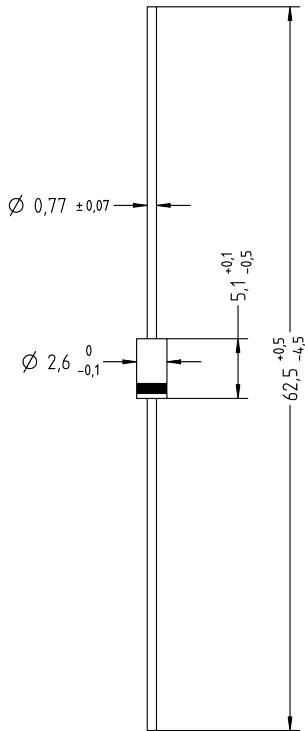


**Characteristics**

**Kennwerte**

Forward voltage – Durchlass-Spannung	$T_j = 25^\circ\text{C}$	$I_F = 1\text{ A}$	$V_F$	< 1.1 V
Leakage current Sperrstrom	$T_j = 25^\circ\text{C}$ $T_j = 100^\circ\text{C}$	$V_R = V_{RRM}$	$I_R$	< 5 $\mu\text{A}$ < 50 $\mu\text{A}$
Typical junction capacitance – Typische Sperrschichtkapazität		$V_R = 4\text{ V}$	$C_j$	15 pF
Reverse recovery time – Sperrverzug	$I_F = 0.5\text{ A} \rightarrow I_R = 1\text{ A} \rightarrow 0.25\text{ A}$		$t_{rr}$	typ. 1500 ns
Typ. thermal resistance junction to ambient – Typ. Wärmewiderst. Sperrschicht – Umgebung			$R_{thA}$	45 K/W <sup>1)</sup>
Typ. thermal resistance junction to leads – Typ. Wärmewiderst. Sperrschicht – Anschlussdraht			$R_{thL}$	15 K/W

**Dimensions - Maße [mm]**



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

1 Valid, if leads are kept at  $T_A$  at 10 mm distance from case – Gültig, wenn d. Anschlüsse in 10 mm vom Geh. auf  $T_A$  gehalten werden