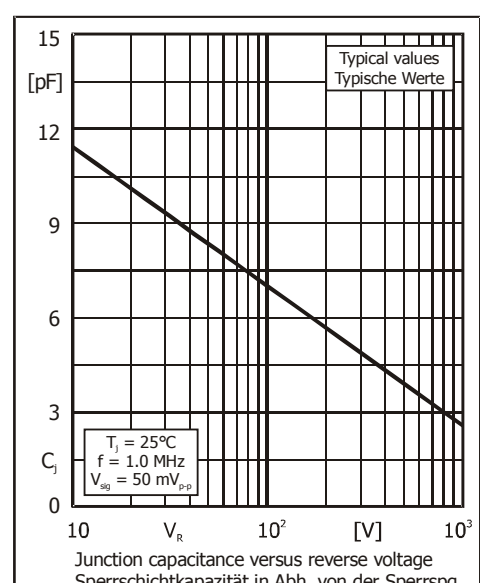
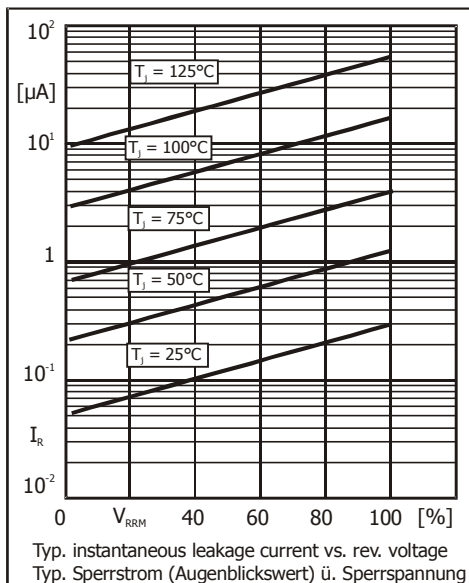
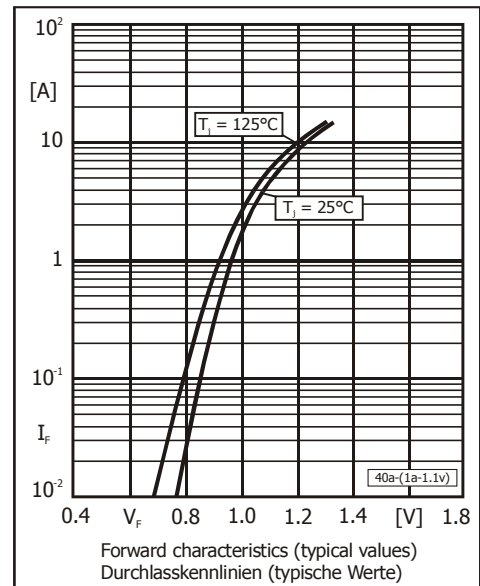
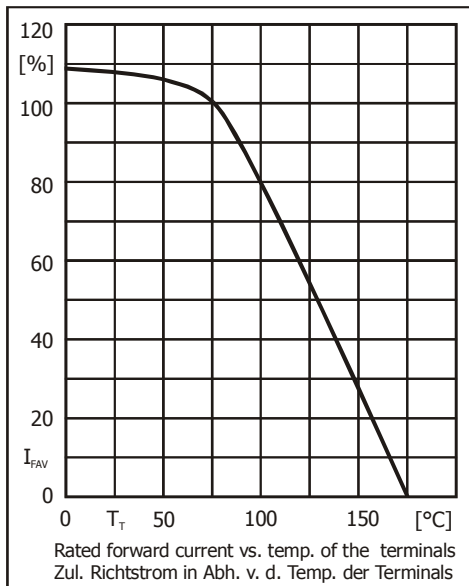


Characteristics
Kennwerte

| | | | | |
|---|---|--------------------|-----------|------------------------|
| Forward voltage – Durchlass-Spannung | $T_j = 25^\circ\text{C}$ | $I_F = 1\text{ A}$ | V_F | < 1.1 V |
| Leakage current Sperrstrom | $T_j = 25^\circ\text{C}$ | $V_R = V_{RRM}$ | I_R | < 5 μA |
| | $T_j = 100^\circ\text{C}$ | $V_R = V_{RRM}$ | I_R | < 50 μA |
| Typical junction capacitance – Typische Sperrschichtkapazität | $V_R = 4\text{ V}$ | | C_j | 10 pF |
| Reverse recovery time – Sperrverzug | $I_F = 0.5\text{ A}$ through/über $I_R = 1\text{ A}$ to $I_R = 0.25\text{ A}$ | | t_{rr} | typ. 1500 ns |
| Thermal resistance junction-ambient – Wärmewiderstand Sperrschicht-Umgebung | | | R_{thA} | < 45 K/W ¹⁾ |
| Thermal resistance junction-terminal – Wärmewiderstand Sperrschicht-Anschluss | | | R_{thT} | < 10 K/W |



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

1 Mounted on P.C. board with 25 mm² copper pads at each terminal
 Montage auf Leiterplatte mit 25 mm² Kupferbelag (Lötpad) an jedem Anschluss