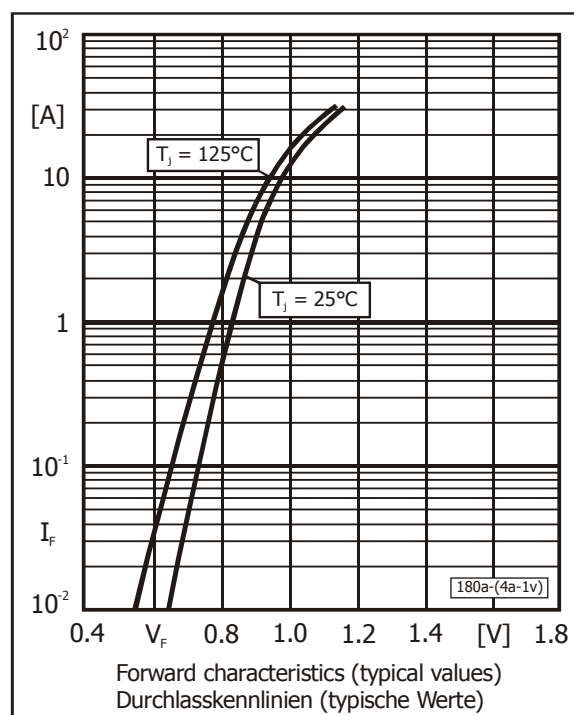
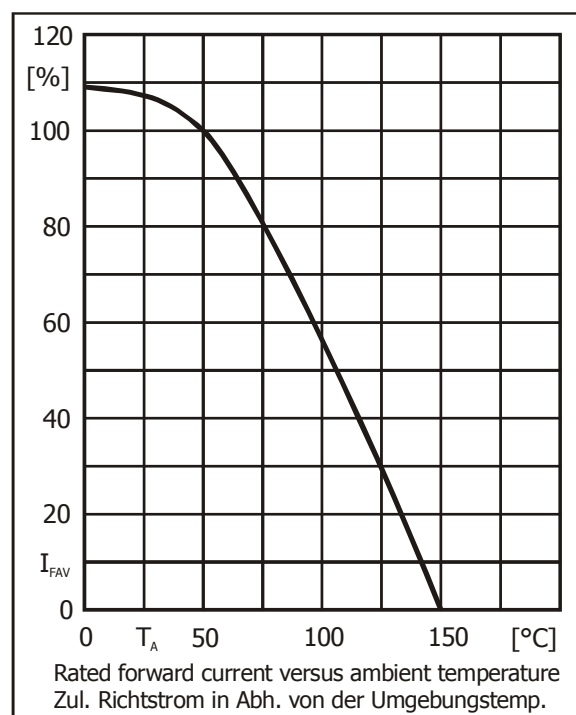


Characteristics

Kennwerte

Max. rectified current without cooling fin Dauergrenzstrom ohne Kühlblech	$T_A = 50^\circ\text{C}$	R-load C-load	I_{FAV} I_{FAV}	1.8 A ¹⁾ 1.5 A ¹⁾
Max. rectified current with cooling fin 300 cm ² Dauergrenzstrom mit Kühlblech 300 cm ²	$T_A = 50^\circ\text{C}$	R-load C-load	I_{FAV} I_{FAV}	2.5 A 2.3 A
Leakage current – Sperrstrom	$T_j = 25^\circ\text{C}$	$V_R = V_{RRM}$	I_R	< 5 μA
Thermal resistance junction to ambient air Wärmewiderstand Sperrschicht – umgebende Luft			R_{thA}	< 40 K/W

Type Typ	Max. admissible load capacitor Max. zulässiger Ladekondensator C_L [μF]	Min. required protective resistor Min. erforderl. Schutzwiderstand R_L [Ω]
B40C2300-1500A/B	3100	1.6
B80C2300-1500A/B	1500	3.2
B125C2300-1500A/B	1000	5.0
B250C2300-1500A/B	400	12.0
B380C2300-1500A/B	300	16.0
B500C2300-1500A/B	250	20.0



1 Valid, if leads are kept to ambient temperature $T_A = 50^\circ\text{C}$ at a distance of 5 mm from case
Gültig, wenn die Anschlussdrähte in 5 mm vom Gehäuse auf Umgebungstemperatur $T_A = 50^\circ\text{C}$ gehalten werden