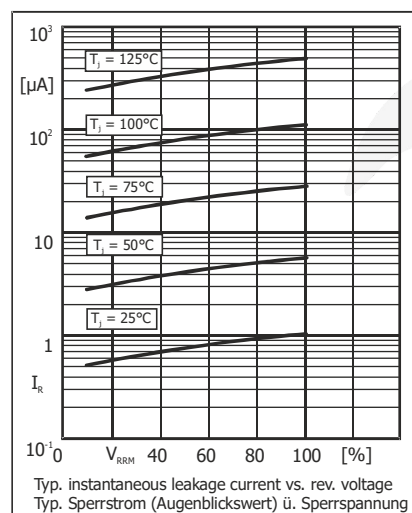
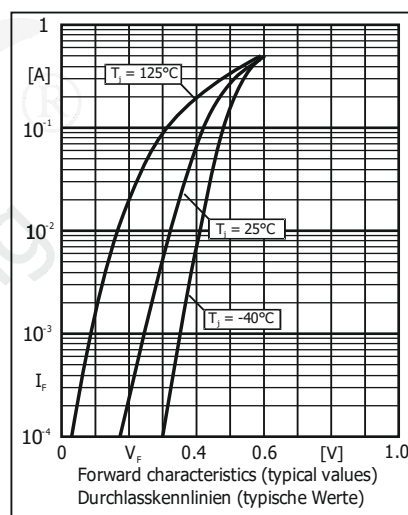
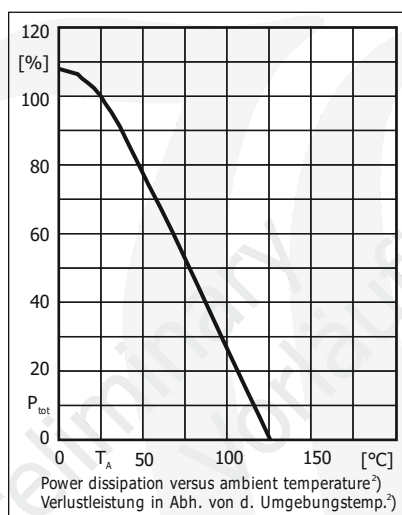
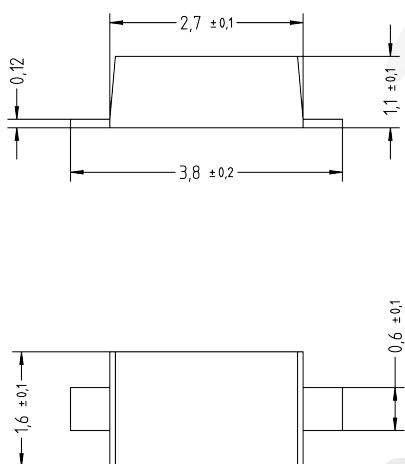


Characteristics

Kennwerte

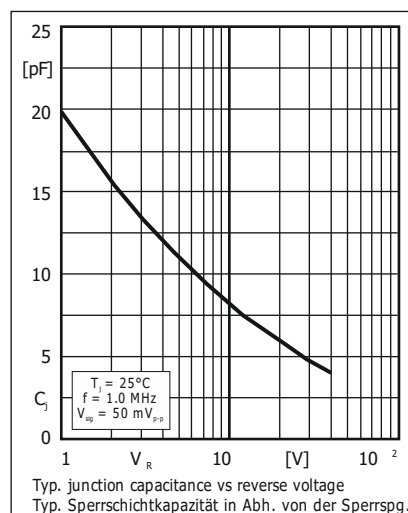
					SD103AW /-Q /-AQ	SD103BW	SD103CW /-AQ
Forward voltage Durchlass-Spannung	1)	T _j = 25°C	I _F = 20 mA 200 mA	V _F	< 0.37 V < 0.60 V		
Leakage current Sperrstrom	1)	T _j = 25°C	V _R = 10 V 20 V 30 V	I _R	– – < 5 μA	– < 5 μA –	< 5 μA – –
Typ. junction capacitance – Typ. Sperrschichtkap. V _R = 0 V, f = 1 Mhz					C _j	50 pF	
Reverse recovery time Sperrverzug		I _F = 5 mA through/über I _R = 5 mA to I _R = 0.5 mA		t _{rr}	typ. 10 ns		
Typical thermal resistance junction to ambient Typischer Wärmewiderstand Sperrschicht – Umgebung					R _{thA}	300 K/W 2)	

Dimensions - Maße [mm]



Disclaimer:
See data book page 2 or [website](#)

Haftungssausschluss:
Siehe Datenbuch Seite 2 oder [Internet](#)



- 1 Tested with pulses $t_p = 300\text{ }\mu\text{s}$, duty cycle $\leq 2\%$ – Gemessen mit Impulsen $t_p = 300\text{ }\mu\text{s}$, Schaltverhältnis $\leq 2\%$
- 2 Mounted with 3 mm² copper pads at each terminal – Montage mit 3 mm² Kupferbelag (Lötpad) an jedem Anschluss