

Characteristics

($T_j = 25^\circ\text{C}$ unless otherwise specified)

Kennwerte

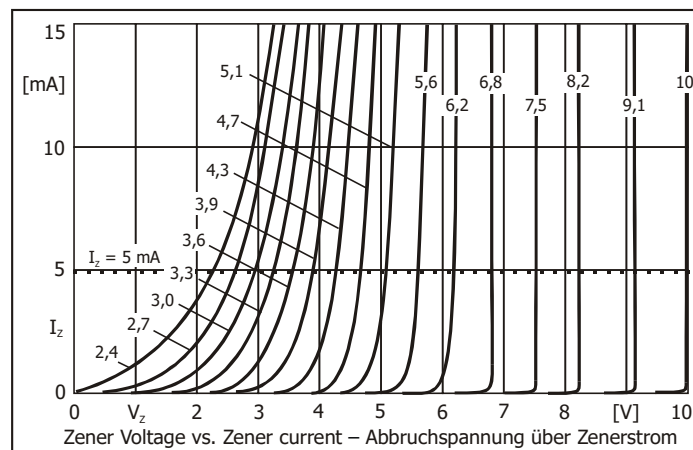
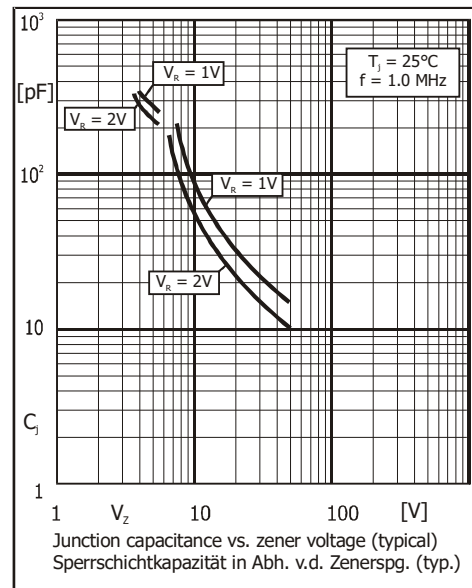
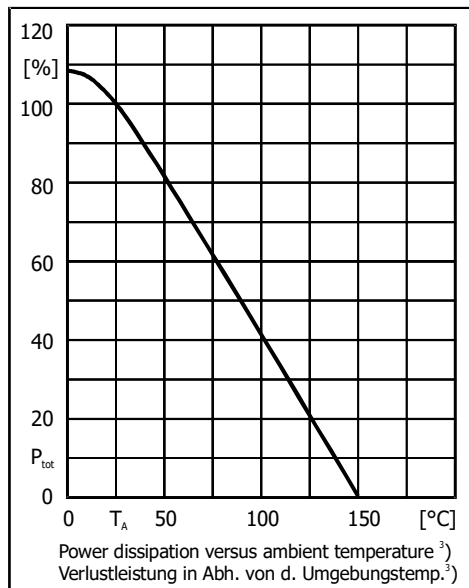
($T_j = 25^\circ\text{C}$ wenn nicht anders angegeben)

Type Typ	Code	Z-voltage range ¹⁾ Z-Spannungs-Bereich ¹⁾ $I_Z = 5 \text{ mA}$		Dynamic resistance Diff. Widerstand $r_{zj} [\Omega]$ at $f = 1 \text{ kHz}$	Temp. Coefficient of Z-voltage ...der Z-Spannung	Reverse voltage Sperrspannung V_R at/bei I_R		Z-current ^{2,3)} Z-Strom ^{2,3)} $T_A = 25^\circ\text{C}$
BZX84...		$V_{Z \min} [\text{V}]$	$V_{Z \max} [\text{V}]$	$I_Z = 5 \text{ mA}$	$\alpha_{VZ} [10^{-4} / ^\circ\text{C}]$	$V_R [\text{V}]$	$I_R [\mu\text{A}]$	$I_{Z \max} [\text{mA}]$
...B2V4/-Q	CR	2.35	2.45	< 85	-8...-5	1	20	122
...B2V7/-Q	CX	2.65	2.75	< 85	-8...-5	1	20	109
...B3V0	CY	2.94	3.06	< 85	-8...-5	1	10	98
...B3V3/-AQ	CZ	3.23	3.37	< 85	-8...-5	1	5	89
...B3V6	DA	3.53	3.67	< 85	-8...-5	1	5	82
...B3V9	DB	3.82	3.98	< 85	-8...-5	1	3	75
...B4V3	DC	4.21	4.39	< 80	-7...-4	1	3	68
...B4V7/-AQ	DD	4.61	4.79	< 80	-5...-2	2	3	63
...B5V1/-Q	DE	5.00	5.20	< 60	-2...+2	2	2	58
...B5V6/ -Q/-AQ	DF	5.49	5.71	< 40	-1...+4	2	1	53
...B6V2/-Q	DH	6.08	6.32	< 10	+2...+5	4	3	47
...B6V8/-Q	DJ	6.66	6.94	< 15	+3...+6	4	2	43
...B7V5/-Q	DK	7.35	7.65	< 15	+3...+6	5	1	39
...B8V2	DM	8.04	8.36	< 15	+4...+7	5	0.7	36
...B9V1	DN	8.50	9.60	< 15	+4...+7	6	0.5	31
...B10	DP	9.8	10.2	< 20	+5...+8	7	0.2	29
...B11	DR	10.8	11.2	< 20	+5...+8	8	0.1	27
...B12/-Q	DX	11.8	12.2	< 25	+5...+8	8	0.1	25
...B13	DY	12.7	13.3	< 30	+6...+9	8	0.1	23
...B15/-Q	DZ	14.7	15.3	< 30	+6...+9	10.5	0.05	20
...B16	EA	15.7	16.3	< 40	+6...+9	11.2	0.05	18
...B18	EB	17.6	18.4	< 45	+6...+9	12.6	0.05	16
...B20/-Q	EC	19.6	20.4	< 55	+6...+9	14.0	0.05	15
...B22	ED	21.6	22.4	< 55	+7...+10	15.4	0.05	13
...B24	EE	23.5	24.5	< 70	+7...+10	16.8	0.05	12
$I_Z =$		2 mA	2 mA	2 mA				
...B27/-Q	EF	26.5	27.5	< 80	+7...+10	18.9	0.05	11
...B30	EH	29.4	30.6	< 80	+7...+10	21.0	0.05	10
...B33	EJ	32.3	33.7	< 80	+7...+10	23.1	0.05	9
...B36	EK	35.3	36.7	< 90	+7...+10	25.1	0.05	8
...B39	EM	38.2	39.8	< 130	+7...+10	27.3	0.05	8
...B43	EN	42.1	43.9	< 150	+7...+10	30.1	0.05	7
...B47	EP	46.1	47.9	< 170	+7...+10	32.9	0.05	6

1 Tested with pulses (20 ms) – Gemessen mit Impulsen (20 ms)

2 Mounted on P.C. board with 3 mm² copper pads per terminal – Montage auf Leiterplatte mit 3 mm² Löt看pad je Anschluss

3 Per device (current at pin 3) – Pro Bauteil (Strom an Pin 3)



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