

Dioden

Capacitance diodes

Type	Group	Fig. Nr.	Maximum ratings		Characteristics				
			U_R V	$\frac{C_D (U_R = 3 V)}{C_D (U_R = 25 V)}$	$\frac{C_D (U_R = 3 V)}{C_D (U_R = 30 V)}$	C_D at pF	U_R V	r_s at Ω	U_R V
BA 111		10	20	-	-	45-65	2	0.5	2
BA 121		10	30	-	-	8-12	2	0.9	2
BA 124	50	10	30	-	-	44-51	2	0.5	2
	55	10	30	-	-	49-56	2	0.5	2
	60	10	30	-	-	54-61	2	0.5	2
	65	10	30	-	-	59-66	2	0.5	2
BA 125	35	10	30	-	-	29-36	2	0.5	2
	40	10	30	-	-	34-41	2	0.5	2
	45	10	30	-	-	39-46	2	0.5	2
	50	10	30	-	-	46-51	2	0.5	2
BB 104	gn	12	30	-	2.5...2.8	34-39	3	≤ 0.4	¹⁾
	bl	12	30	-	2.5...2.8	37-42	3	≤ 0.4	¹⁾
BB 105	A	11	28	4...5	-	2.3-2.8	25	≤ 0.8	²⁾
	B	11	28	4.5...6	-	2.0-2.3	25	≤ 0.8	²⁾
	G	11	28	4...6	-	1.8-2.8	25	≤ 1.2	²⁾
BB 109		11	28	5...6.5	-	4.3-6	25	0.5	⁵⁾
BB 204	gn	13	30	-	2.5...2.8	34-39	3	≤ 0.4	¹⁾
	bl	13	30	-	2.5...2.8	37-42	3	≤ 0.4	¹⁾
BB 205	A	11	28	4.3...5.3	-	2.0-2.5	25	≤ 0.8	²⁾
	B	11	28	5.0...6	-	1.9-2.2	25	≤ 0.8	²⁾
	G	11	28	4.3...6	-	1.8-2.6	25	≤ 1.2	²⁾
BB 209	-	11	28	> 6.8	-	2.6-3.8	25	0.85	⁶⁾

Remarks: ¹⁾ $C_D = 38$ pF; ²⁾ $C_D = 9$ pF; ³⁾ $C_D = 30$ pF; ⁵⁾ $C_D = 10$ pF ⁶⁾ $C_D = 12$ pF

Data book reference: B 2 B

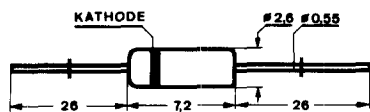


Fig. 10: 51 A 2 DIN 41880
JEDEC DO 7

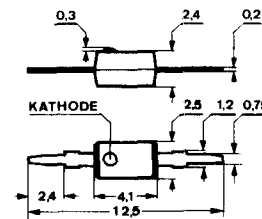


Fig. 11: Plastic case
(SOD 23)

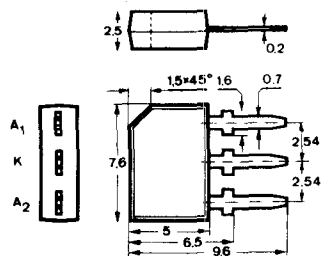


Fig. 12: Plastic case
(SOT 33)

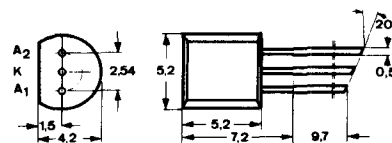


Fig. 13: 10 B 3 DIN 41868
JEDEC TO 92