



**MIKROELEKTRONIKAI
VÁLLALAT**

Enterprise for Micro-Electronics

**ALKATRÉSZ VÁLASZTÉK
Electronical Components**



DISCRETE SEMICONDUCTORS

DIODES

GERMANIUM DIODES

Point-contact diodes

Type	Outline	MAXIMUM RATINGS ($T_{amb} = 25^{\circ}C$)				TYPICAL CHARACTERISTICS ($T_j = 25^{\circ}C$)				Notes
		V_R V	V_{RM} V	I_F mA	I_{FM} mA	V_F at V	I_F mA	I_R at μA	V_R V	
• AA112 ¹	1	15	20	30	45	0.95 (≈ 1.5)	10	12 (≈ 40)	10	for use in low-impedance demodulator circuits for use in high-impedance demodulator circuits
• AA113 ¹ • AA116 ¹	1	60	65	25	50	1.1 (≈ 1.6)	10	180 (≈ 500)	60	
• (OA90) • AA117	1	20	30	30 ³	45	1 (≈ 1.5)	10	20 (≈ 140)	10	for use in low-impedance demodulator circuits
• (OA91) • AA118 ¹	1	90	115	50 ³	150	1.2 (≈ 1.85)	10	80 (≈ 280)	100	for general purposes
• (OA95) • AA119 ¹	1	90	115	50 ³	150	1.05 (≈ 1.55)	10	75 (≈ 250)	100	for use in phase-discriminator circuits
• AA132	1	30	45	35 ³	100	1.5 (≈ 2.2)	10	90 (≈ 350)	45	for use in high-impedance rectifier circuits
• AA137	1	100	110	50 ³	150	1.35 (≈ 1.8)	10	38 (≈ 120)	60	for general purposes
• AAZ10 ²	1	30	40	20	25	0.9 (≈ 1.5)	10	13 (≈ 50)	10	for use in AGC circuits
• OA1154Q	1	25	30	30	30	0.95 (≈ 1.5)	10	13 (≈ 40)	10	for use in switching circuits
• OA1161	1	50	55	30	75	1.2 (≈ 1.6)	10	30 (≈ 100)	40	for use in ring-modulator circuits
	1	130	140	20	75	1.4 (≈ 2.3)	10	55 (≈ 200)	100	for general purposes

Gold-bonded diodes

• AA135	1	20	30	150	500	≈ 0.75	100	≈ 30	20	for general purposes
• AA136	1	50	60	150	500	≈ 0.85	100	≈ 30	50	for general purposes
• AA139	1	20	20	200	400	≈ 0.5	10	≈ 100	20	for use in switching circuits
• OA1180	1	20	30	150	400	≈ 0.75	100	≈ 20	10	for use in switching circuits
• OA1182	1	80	100	150	500	≈ 0.85	100	≈ 20	60	for use in switching circuits
• OA1182D	1	50	60	150	500	≈ 0.85	100	≈ 30	50	for use in switching circuits

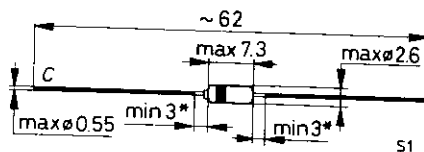


Fig. 1 DO-7

not trimmed

¹ Also available in matched pairs.

² Also available in matched quads type 4-AAZ10 for use in ring modulator circuits.

³ I_{FAV} at $V_R = 0$ V.