

SMALL SIGNAL SWITCHING DIODE

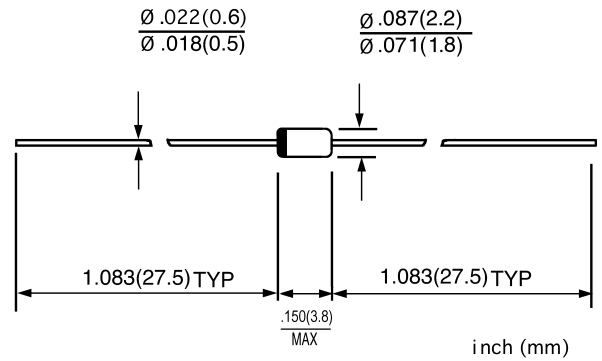
FEATURES

- ◇ Silicon epitaxial planar diode
- ◇ High speed switching diode
- ◇ These diodes are also available in glass case
DO-34

MECHANICAL DATA

- ◇ Case: DO-35,glass case
- ◇ Polarity: Color band denotes cathode
- ◇ Weight: 0.004 ounces, 0.13 grams
- ◇ Mounting position: Any

DO-35(GLASS)



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

Type	$I_{(AV)}$ A	V_{RM} V	V_R V	I_{FSM} A	V_{FM} V		$I_{RM} @ V_{RRM}$				t_{rr} ns
							$T_A = 25^\circ C$		$T_A = 150^\circ C$		
							I_R μA	V_R V	I_R μA	V_R V	
1N914	0.15	100	75	0.45	1.0	0.01	0.025 5.0	20 75	50	20	4.0
1N4149 1N916	0.15	100	75	0.45	1.0	0.01	0.025 5.0	20 75	50	20	4.0
1N4150 1N3600	0.2	50	50	0.6	0.87 1.00	0.2	0.1	50	100	50	6.0
1N3604	0.15	75	50	0.45	1.00	0.05	0.05	50	50	50	2.0
1N4152 1N3605	0.15	40	30	0.45	0.70 0.81	0.01	0.05	30	50	30	2.0
1N4153 1N3606	0.15	75	50	0.45	0.70 0.81	0.01	0.05	25	50	50	2.0
1N4154	0.15	35	25	0.45	1.0	0.03	0.1	25	100	25	2.0
1N4446 1N914A	0.15	100	75	0.45	1.0	0.03	0.025 5.0	20 75	50	20	4.0
1N4447 1N916A	0.15	100	75	0.45	1.0	0.02	0.025 5.0	20 75	50	20	4.0
1N914B	0.15	100	75	0.45	0.62 0.72	0.005	0.025 5.0	20 75	50	20	4.0
1N4449 1N916B	0.15	100	75	0.45	0.63 0.73	0.005	0.025 5.0	20 75	50	20	4.0
1N4450	0.2	40	30	0.6	1.00	0.2	0.05	30	50	30	6.0
1N4454 1N3064	0.15	75	50	0.45	1.00	0.01	0.1	50	100	50	3.0
1N4606	0.2	85	70	0.6	0.86 1.00	0.2	0.1 0.25	50 70	25	50	6.0
1N4531	0.15	100	75	0.45	1.00	0.01	0.025 5.0	20 75	50	20	4.0
1N4532	0.15	70	50	0.45	1.00	0.01	0.1	50	100	50	2.0
1N4533	0.15	40	30	0.45	0.74 0.88	0.02	0.05	30	50	30	2.0
1N4534	0.15	75	50	0.45	0.74 0.88	0.02	0.05	50	50	50	2.0
1N4536	0.15	35	25	0.45	1.00	0.03	0.1	25	100	25	2.0

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