

### SMALL SIGNAL SWITCHING DIODE

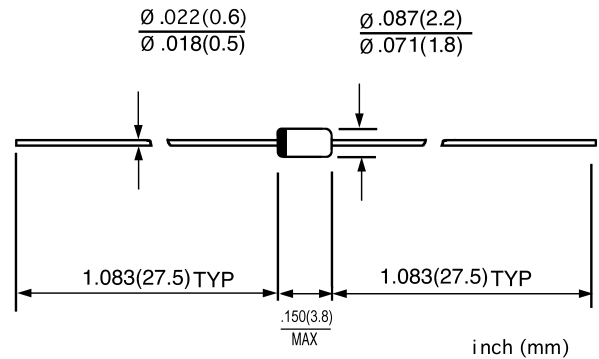
#### FEATURES

- ◇ 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	$V_{RRM}$	$V_R$ V	$I_{FSM}$ A	$V_{FM}$		$I_{RM}@V_{RRM}$		$t_{rr}$ ns
		$(I=I_{RM})$ V					$T_A=25^\circ C$		
					V	V	$I_R$ $\mu A$	$V_R$ V	
1SS141	0.11	40	35	0.3	1.2	0.1	0.01	20	50
1SS144	0.2	200	150	1.0	1.0	0.1	0.5	150	400
1SS145	0.2	300	250	1.0	1.0	0.1	0.5	250	400
1SS146	0.2	250	200	1.0	1.0	0.1	0.5	200	400
1SS147	0.2	200	150	1.0	1.0	0.1	0.5	150	400

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