



## SMALL SIGNAL SWITCHING DIODE

### 1S1553 --- 1S1555

#### FEATURES

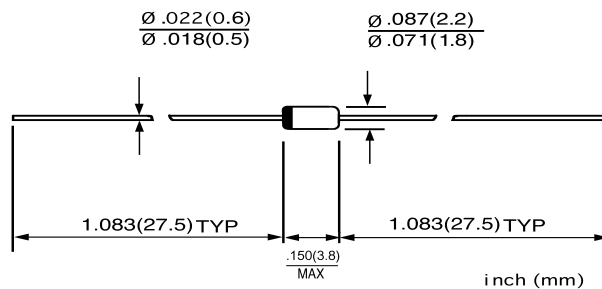
- ◇ Silicon epitaxial planar diode
- ◇ High speed switching diode
- ◇ These diodes are also available in glass case

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					$T_A=25^\circ C$		
					$V_{FM}$ V	$I_{(AV)}$ A	$I_R$ $\mu A$	$V_R$ V	
1S1553	0.1	70	60	1.0	1.4	0.1	1.0	20	4.0
1S1555	0.1	35	30	1.0	1.4	0.1	1.0	20	4.0