

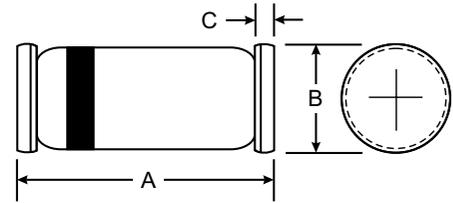


### Features

- Switching Speed

### Mechanical Data

- Case: SDO-80/LL34
- Terminals: Solderable per MIL-STD-202, Method 208
- Polarity: Cathode Band
- Marking: Cathode Band Only
- Weight: 0.05 grams (approx.)



LL34/ SOD-80		
Dim	Min	Max
A	3.30	3.70
B	1.30	1.60
C	0.28	0.50
All Dimensions in mm		

Type	Peak reverse voltage $V_{RM}$ V	Max. aver. rectified current $I_{OM}$ A	Max. power dissip. at 25°C $P_{tot}$ mW	Max. junction temperature $T_j$ °C	Max. forward voltage drop		Max. reverse current		Max. reverse recovery time	
					$V_F$ V	at $I_F$ mA	$I_n$ nA	at $V_R$ V	$t_{rr}$ ns	Conditions
LL914	100	75	500	200	1.0	10	25	20	max.4.0	$I_F = 10\text{mA}$ , $V_R = 6\text{V}$ , $R_L = 100\Omega$ , to $I_R = 1\text{mA}$
LL4149	100	150	500	200	1.0	10	25	20	max.4.0	$I_F = 10\text{mA}$ , $V_R = 6\text{V}$ , $R_L = 100\Omega$ , to $I_R = 1\text{mA}$
LL4151	75	150	500	200	1.0	50	50	50	max.2.0	$I_F = 10\text{mA}$ , $V_R = 6\text{V}$ , $R_L = 100\Omega$ , to $I_R = 1\text{mA}$
LL4152	40	150	400	175	0.55	0.10	50	30	max.2.0	$I_F = 10\text{mA}$ , $V_R = 6\text{V}$ , $R_L = 100\Omega$ , to $I_R = 1\text{mA}$
LL4153	75	150	400	175	0.55	0.10	50	50	max.2.0	$I_F = 10\text{mA}$ , $V_R = 6\text{V}$ , $R_L = 100\Omega$ , to $I_R = 1\text{mA}$
LL4154	35	150	500	200	1.0	30	100	25	max.2.0	$I_F = 10\text{mA}$ , $V_R = 6\text{V}$ , $R_L = 100\Omega$ , to $I_R = 1\text{mA}$
LL4447	100	150	500	200	1.0	20	25	20	max.4.0	$I_F = 10\text{mA}$ , $V_R = 6\text{V}$ , $R_L = 100\Omega$ , to $I_R = 1\text{mA}$
LL4449	100	150	500	200	1.0	30	25	20	max.4.0	$I_F = 10\text{mA}$ , $V_R = 6\text{V}$ , $R_L = 100\Omega$ , to $I_R = 1\text{mA}$
LL4450	40	150	400	175	0.54	0.50	50	30	max.4.0	$I_F = I_R = 10\text{mA}$ , to $I_R = 1\text{mA}$
LL4451	40	150	400	175	0.50	0.10	50	30	max.10	$I_F = I_R = 10\text{mA}$ , to $I_R = 1\text{mA}$
LL4453	30	150	400	175	0.55	0.01	50	20	-	-
LL4454	75	150	400	175	1.0	10	100	50	max.4.0	$I_F = I_R = 10\text{mA}$ , to $I_R = 1\text{mA}$