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# Small Signal Diode

## 1N5282

( $T_A = 25^\circ\text{C}$  unless otherwise noted)

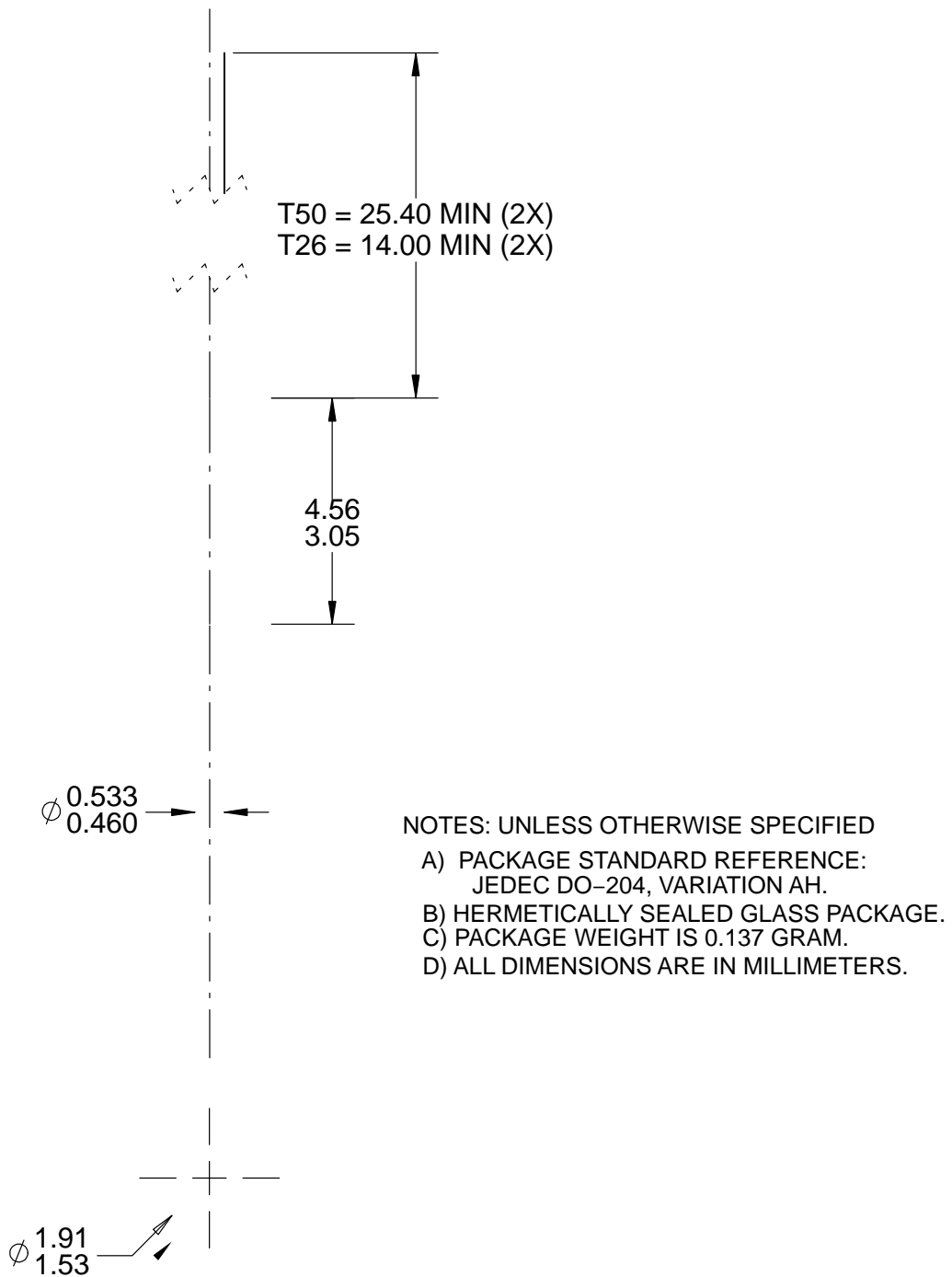
$V_{RRM}$	Maximum Repetitive Reverse Voltage	80	V
$I_{F(AV)}$	Average Rectified Forward Current	200	mA
$I_{FSM}$	Non-repetitive Peak Forward Surge Current Pulse Width = 1.0 s Pulse Width = 1.0 $\mu\text{s}$	1.0	A
		4.0	A
$T_{STG}$	Storage Temperature Range	-65 to +200	$^\circ\text{C}$
$T_J$	Operating Junction Temperature	175	$^\circ\text{C}$

				$\bar{i}$	V	
$V_F$	Forward Voltage	$I_F = 0.1 \text{ mA}$	0.45	-	0.49	V
		$I_F = 1.0 \text{ mA}$	0.55	-	0.60	
		$I_F = 10 \text{ mA}$	0.67	-	0.725	
		$I_F = 100 \text{ mA}$	0.80	-	0.90	
		$I_F = 300 \text{ mA}$	0.92	-	1.1	
		$I_F = 500 \text{ mA}$	1.05	-	1.3	
		$I_R$	Reverse Current	$V_R = 55 \text{ V}$	-	
$V_R = 55 \text{ V}, T_A = 150^\circ\text{C}$					100	



**AXIAL LEAD**  
**CASE 017AG**  
**ISSUE 0**

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