

FEATURES

- The plastic package carries Underwriters Laboratory Flammability Classification 94V-0
- For surface mounted applications
- Metal silicon junction, majority carrier conduction
- Low power loss, high efficiency
- Current 3.0 Ampere
- Vr 45 Volts

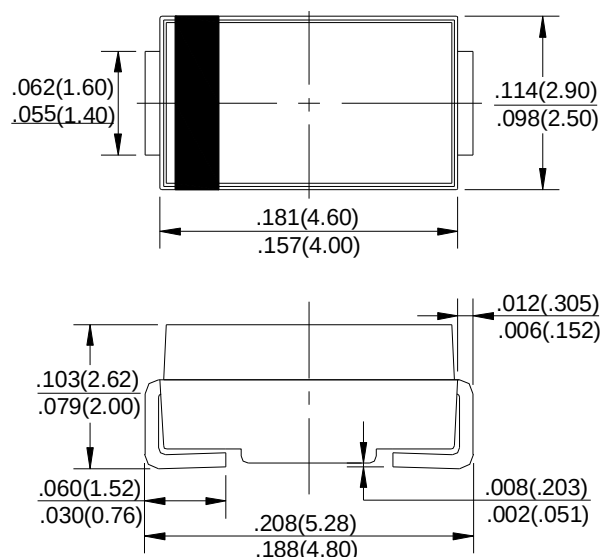
MECHANICAL DATA

Case : JEDEC DO-214AC molded plastic body

Polarity : Color band denotes cathode end

Mounting Position : Any

DO-214AC (SMA)



Dimensions in inches and (millimeters)

Absolute Maximum Ratings ($T_a = 25\text{ }^{\circ}\text{C}$)

Parameter	Symbol	Value	Unit
Forward Voltage at $I_F = 100\text{ mA}$	V_F	0.58	V
Reverse Voltage	V_R	45	V
Average Forward Current	I_{FAV}	3	A
Forward Surge Current at 8.3ms	I_{FSM}	60	A
Reverse Current at $V_R = 45\text{ V}$	I_R	30	μA
Junction Temperature	T_j	125	$^{\circ}\text{C}$
Storage Temperature Range	T_{stg}	- 55 to + 125	$^{\circ}\text{C}$

RATING AND CHARACTERISTIC CURVES SS34

