

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 155 Volts

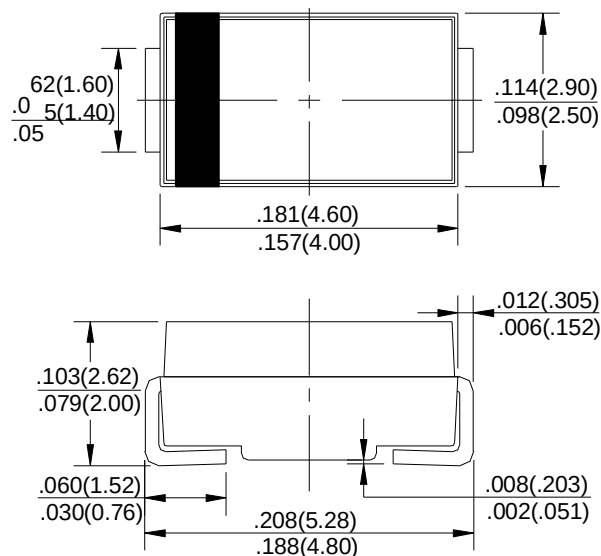
MECHANICAL DATA

Case : JEDEC DO-214A(A)C molded plastic body

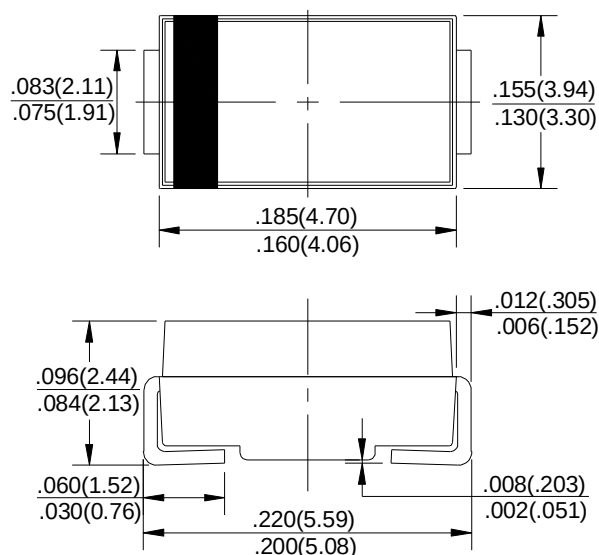
Polarity : Color band denotes cathode end

Mounting Position : Any

DO-214AC (SMA)



DO-214AA (SMB)



Dimensions in inches and (millimeters)

Absolute Maximum Ratings (T_a = 25 °C)

Parameter	Symbol	Value	Unit
Forward Voltage at I _F = 100 mA	V _F	0.87	V
Reverse Voltage	V _R	155	V
Average Forward Current	I _{FAV}	3	A
Forward Surge Current at 8.3ms	I _{FSM}	60	A
Reverse Current at V _R = 155V	I _R	5	uA
Junction Temperature	T _j	175	°C
Storage Temperature Range	T _{stg}	- 55 to + 125	°C

RATING AND CHARACTERISTIC CURVES SS315

