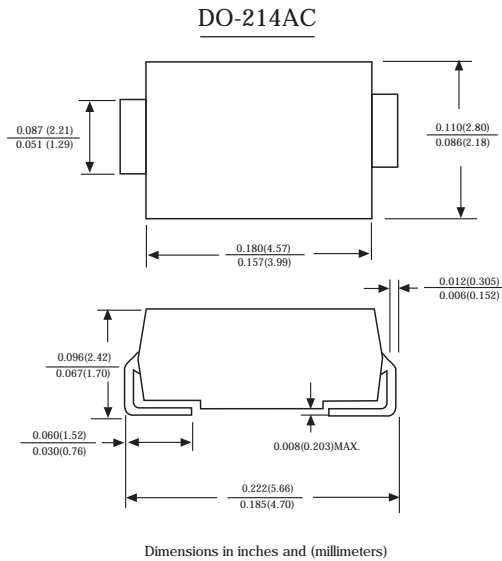


FEATURES

- ◆ 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
- ◆ Built-in strain relief, ideal for automated placement
- ◆ High forward surge current capability
- ◆ High temperature soldering guaranteed: 250°C/10 seconds at terminals

MECHANICAL DATA

Case : JEDEC DO-214AC molded plastic body
Terminals: leads solderable per MIL-STD-750, Method 2026
Polarity: Color band denotes cathode end
Mounting Position: Any
Weight : 0.058 grams



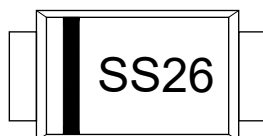
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.
 Single phase half-wave 60Hz, resistive or inductive load, for capacitive load current derate by 20%.

	SYMBOLS	SS26	UNITS
Maximum repetitive peak reverse voltage	V_{RRM}	60	VOLTS
Maximum RMS voltage	V_{RMS}	42	VOLTS
Maximum DC blocking voltage	V_{DC}	60	VOLTS
Maximum average forward rectified current at T_L (see fig.1)	$I_{(AV)}$	2.0	Amps
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)	I_{FSM}	50.0	Amps
Maximum instantaneous forward voltage at 2.0A	V_F	0.70	Volts
Maximum DC reverse current $T_A=25^{\circ}C$ at rated DC blocking voltage $T_A=100^{\circ}C$	I_R	0.5	mA
Typical junction capacitance (NOTE 1)	C_J		pF
Typical thermal resistance (NOTE 2)	R_{qJA}	75.0	$^{\circ}C/W$
Operating junction temperature range	T_J	-65 to +150	$^{\circ}C$
Storage temperature range	T_{STG}	-55 to +150	$^{\circ}C$

Note: 1. Measured at 1MHz and applied reverse voltage of 4.0V D.C.
 2. P.C.B. mounted with 0.2x0.2" (5.0x5.0mm) copper pad areas

Marking Information



Ordering Information

Part Number	Delivery Mode	Quantity(pcs/reel)
SS26A	Tape & Reel	2000

RATINGS AND CHARACTERISTIC CURVES

