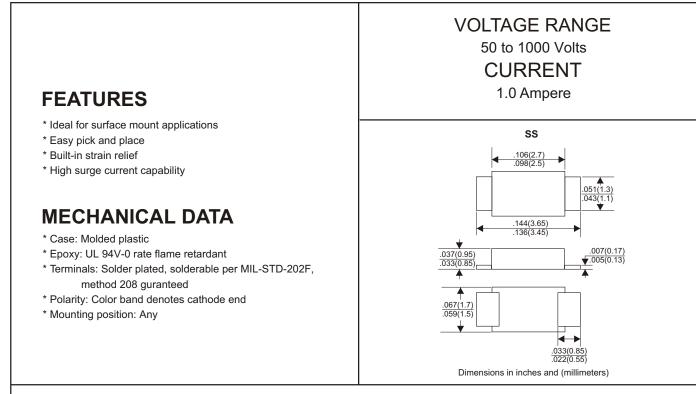
## SS4001 THRU SS4007

## 1.0 AMP SURFACE MOUNT SILICON RECTIFIERS





## MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating 25°C ambient temperature uniess otherwies specified. Single phase half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

TYPE NUMBER		SS4001	SS4002	SS4003	SS4004	SS4005	SS4006	SS4007	UNITS
Maximum Recurrent Peak Reverse Voltage		50	100	200	400	600	800	1000	V
Maximum RMS Voltage		35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage		50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current									
at T∟=75°C		1.0							A
Peak Forward Surge Current, 8.3 ms single half sine-wave									
superimposed on rated load (JEDEC method)		30							Α
Maximum Instantaneous Forward Voltage at 1.0A		1.1							V
Maximum DC Reverse Current	Ta=25°C	5.0							μA
at Rated DC Blocking Voltage	Ta=100 °C	50						μA	
Typical Junction Capacitance (Note 1)		15							pF
Typical Thermal Resistance R JL (Note 2)			30						
Operating and Storage Temperature Range TJ, Tstg			-65-+150						
Marking Code		R01	R02	R03	R04	R05	R06	R07	

NOTES:

1. Measured at 1MHz and applied reverse voltage of 4.0V D.C.

2. Thermal Resistance from Junction to Lead.

