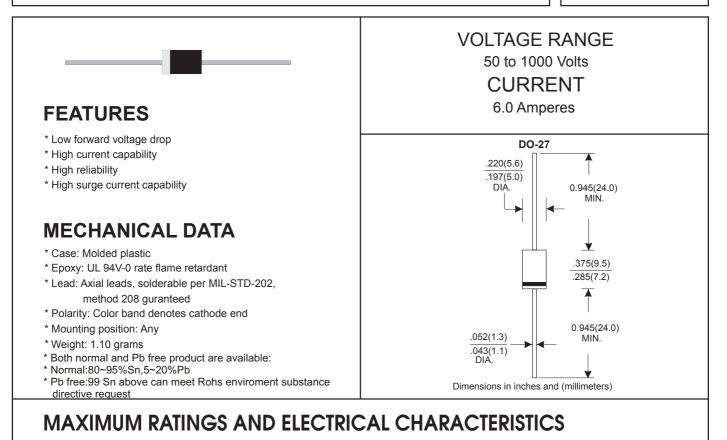
## 60S05 THRU 60S10

## 6.0 AMP SILICON RECTIFIERS



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

TYPE NUMBER	60S05	60S1	60S2	60S4	60S6	60S8	60S10	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			•					
.375"(9.5mm) Lead Length at Ta=75℃	6.0							A
Peak Forward Surge Current, 8.3 ms single half sine-wave								
superimposed on rated load (JEDEC method)	280						A	
Maximum Instantaneous Forward Voltage at 6.0A	1.0						V	
Maximum DC Reverse Current Ta=25°C	5.0							μA
at Rated DC Blocking Voltage Ta=100 ℃	50							μA
Typical Junction Capacitance (Note 1)	40							pF
Typical Thermal Resistance RθJA (Note 2)	30						°C/W	
Operating and Storage Temperature Range TJ, Tsto	-65-+150							°C

NOTES:

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

2. Thermal Resistance from Junction to Ambient .375" (9.5mm) lead length.



