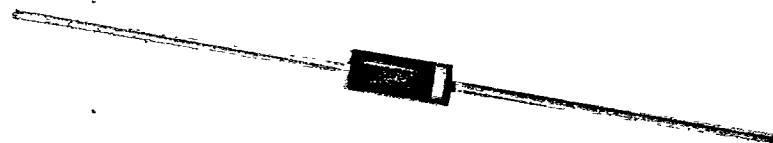
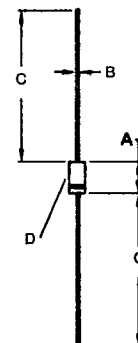


case 103

61 DE 1989963 0000154 5

3.0-6.0 Amperes**General Purpose Silicon Power Rectifier**

	CR3-005	CR3-010	CR3-020	CR3-040	CR3-060	CR3-080	CR3-100	CR3-120
	CR5-005	CR5-010	CR5-020	CR5-040	CR5-060	CR5-080	CR5-100	CR5-120
	CR6-005	CR6-010	CR6-020	CR6-040	CR6-060	CR6-080	CR6-100	CR6-120
V_{RRM} (volts)	50	100	200	400	600	800	1000	1200
V_R (volts)	50	100	200	400	600	800	1000	1200
V_R (RMS) (volts)	35	70	140	280	420	560	700	840



A	.375 (9.53) MAX
B	.050 (1.27)
C	1.25 (31.8) MIN
D	.200 (5.08) MAX DIA

Dimensions In Inches (mm).

Maximum Ratings (@ $T_A = 25^\circ\text{C}$)

	SYMBOL	CR3 SERIES	CR5 SERIES	CR6 SERIES	UNITS
Average Forward Current	I_O	3.0	5.0	6.0	A
Peak Forward Surge Current	I_{FSM}	300	300	300	A
Operating & Storage Junction Temp	T_J, T_{STG}		-65 to +175		$^\circ\text{C}$

Electrical Characteristics (@ $T_A = 25^\circ\text{C}$)

	SYMBOL	CR3 SERIES	CR5 SERIES	CR6 SERIES	UNITS
Max. Forward Voltage Drop @ $I_F = \text{Rated } I_O$	V_F	1.1	1.1	1.1	V
Max. Reverse Current @ Rated V_{RRM}	I_R	5.0	5.0	5.0	μA

Fast and very fast recovery types available.

See Selection Guide pages 4-5.

For detailed specification sheets, consult factory.