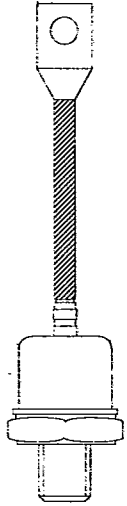
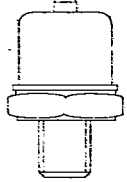
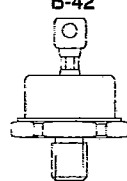
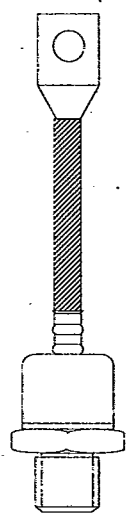
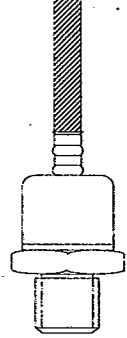
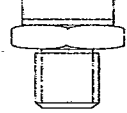


Rectifiers, Standard Recovery**150 TO 275 AMPS****International
IOR Rectifier****T-01-01**

Part number	V _{RRM} (V)	I _{F(AV)} T _C		I _{FSM} (1)		V _{FM} π × I _{F(AV)} (V)	R _{thJC} DC (°C/W)	Case Outline Number	Notes	Case style
		(A)	(°C)	50Hz (A)	60Hz (A)					
R18CG4A	400	200	140	4966	5200	1.13	0.25	R10 A	(5) (10) (11) (13)	
R18CG4B	400	200		4584	4800	1.21				
R18CG6A	600	200		4966	5200	1.13				
R18CG6B	600	200		4584	4800	1.21				
R18CG8A	800	200		4584	4800	1.21				
R18CG8B	800	190		4300	4500	1.27				
R18CG10A	1000	200		4584	4800	1.21				
R18CG10B	1000	190		4300	4500	1.27				
R18C12A	1200	190		4300	4500	1.27				
R18C12B	1200	185		3820	4000	1.38				
R18C14A	1400	190		4300	4500	1.27				
R18C14B	1400	185		3820	4000	1.38				
R18C16A	1600	185		3820	4000	1.38				
R18C18A	1800	185		3820	4000	1.38				
SD200N02P	200	200	115	3120	3265	1.50	0.27	R10 B	(4) (6)	
SD200N04P	400									
SD200N06P	600									
SD200N08P	800									
SD200N10P	1000									
SD200N12P	1200									
SD200N14P	1400									
SD200N16P	1600									
SD200N18PC	1800	200	100	3120	3265	1.60	0.27	R11 B		
SD200N20PC	2000									
SD200N22PC	2200									
SD200N24PC	2400									
150KS5	50	150	150	3000	3140	1.33	0.25	R12	(5)	
150KS10	100									
150KS20	200									
150KS30	300									
150KS40	400									
150KS60	600									
150KS80	800									
150KS100	1000									
150KS120	1200									
1N3735	100	250	130	4300	4500	1.30	0.18	R13 A	(5) (7)	
1N3736	200									
1N3737	300									
1N3738	400									
1N3739	500									
1N3740	600									
1N3741	800									
1N3742	1000									
1N3743	1200									
1N2054	50	250	135	4300	4500	1.25	0.18			
1N2055	100									
1N2057	200									
1N2059	300									
1N2061	400									
1N2064	600									
1N2066	800									
1N2067	900									
1N2068	1000									
1N4044	50	275	120	4775	5000	1.35	0.18			
1N4045	100									
1N4046	150									
1N4047	200									
1N4048	250									
1N4049	300									
1N4050	400									
1N4051	500									
1N4052	600									
1N4053	700									
1N4054	800									
1N4055	900									
1N4056	1000									

(1) $T_J = T_J \text{ max, } 100\% \text{ VRRM reapplied.}$

(4) Available with metric stud, to specify change "P" to "M", e.g. SD200N14M.

(5) Cathode-to-stud. For Anode-to-stud add "R" to basic part number, e.g. 1N3735R, R18CGR4A.

(6) Cathode-to-stud. For Anode-to-stud change "N" to "R" in basic part number, e.g. SD200R12P.

(7) VFM for Jedec types is registered value at max T_J .

(10) Also available with flag terminal; add "2" to standard part number: R18CG4A2 (outline R15).

(11) Also available with stud-topped case; add "3" to standard part number: R18CG4A3.

(12) Also available with flag terminal: add "2" to standard part number, e.g. R18C12A2 (outline R16).

(13) U.S. standard.