

Device Type	Reverse Voltage		Average Forward Current (1)		Repetitive Surge Current	1 Cycle Surge Current tp=8.3ms	Reverse Recovery (4)	Forward Voltage		Reverse Current		Thermal Impedance	Operating & Storage Temp Range		Case Outline
	V _{RRM}	V _{RRM}	I _F (A _V) @ T _C					V _F	@I _F	I _R	I _R		θ _{JC}	T _{OP} & T _{STG}	
			55° C	100° C				@25° C		@25° C	@100° C		Min	Max	
	Volts	Volts	Amps	Amps				Amps	Amps	ns	Volts		Amps	µA	

ISOPAC™ RANGE

ISOPAC0103	1000	1000	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G45
ISOPAC0104	400	400	15	11	25	150	150	1.5	9	1	20	3.0	-55	175	G45
ISOPAC0111	150	150	15	10	24	175	30	1.1	9	10	500	3.0	-55	150	G45
ISOPAC0112	600	600	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G45
ISOPAC0119	1000	1000	10	8	15	150	150	2.2	9	1	25	3.0	-55	175	G45
ISOPAC0123	500	500	10	8	15	150	50	1.6	9	10	500	3.0	-55	150	G45
ISOPAC0203	1000	1000	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G46
ISOPAC0204	400	400	15	11	25	150	150	1.5	9	1	20	3.0	-55	175	G46
ISOPAC0211	150	150	15	10	24	175	30	1.1	9	10	500	3.0	-55	150	G46
ISOPAC0212	600	600	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G46
ISOPAC0219	1000	1000	10	8	15	150	150	2.2	9	1	25	3.0	-55	175	G46
ISOPAC0223	500	500	10	8	15	150	50	1.6	9	10	500	3.0	-55	150	G46
ISOPAC0403	1000	1000	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G47
ISOPAC0404	400	400	15	11	25	150	150	1.5	9	1	20	3.0	-55	175	G47
ISOPAC0411	150	150	15	10	24	175	30	1.1	9	10	500	3.0	-55	150	G47
ISOPAC0412	600	600	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G47
ISOPAC0419	1000	1000	10	8	15	150	150	2.2	9	1	25	3.0	-55	175	G47
ISOPAC0423	500	500	10	8	15	150	50	1.6	9	10	500	3.0	-55	150	G47
ISOPAC0603	1000	1000	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G49
ISOPAC0604	400	400	15	11	25	150	150	1.5	9	1	20	3.0	-55	175	G49
ISOPAC0611	150	150	15	10	24	175	30	1.1	9	10	500	3.0	-55	150	G49
ISOPAC0612	600	600	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G49
ISOPAC0619	1000	1000	10	8	15	150	150	2.2	9	1	25	3.0	-55	175	G49
ISOPAC0623	500	500	10	8	15	150	50	1.6	9	10	500	3.0	-55	150	G49
ISOPAC1203	1000	1000	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G50
ISOPAC1204	400	400	15	11	25	150	150	1.5	9	1	20	3.0	-55	175	G50
ISOPAC1211	150	150	15	10	24	175	30	1.1	9	10	500	3.0	-55	150	G50
ISOPAC1212	600	600	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G50
ISOPAC1219	1000	1000	10	8	15	150	150	2.2	9	1	25	3.0	-55	175	G50
ISOPAC1223	500	500	10	8	15	150	50	1.6	9	10	500	3.0	-55	150	G50
SET01##03	1000	1000	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G57
SET01##04	400	400	15	11	25	150	150	1.5	9	1	20	3.0	-55	175	G57
SET01##11	150	150	15	10	24	175	30	1.1	9	10	500	3.0	-55	150	G57
SET01##12	600	600	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G57
SET01##19	1000	1000	10	8	15	150	150	2.2	9	1	25	3.0	-55	175	G57
SET01##23	500	500	10	8	15	150	50	1.6	9	10	500	3.0	-55	150	G57
SET04##03	1000	1000	30	22	50	250	2000	1.2	18	2	40	1.5	-55	175	G58
SET04##04	400	400	30	22	50	250	150	1.5	18	2	40	1.5	-55	175	G58
SET04##11	150	150	30	20	48	290	30	1.1	18	20	1000	1.5	-55	150	G58
SET04##12	600	600	30	22	50	250	2000	1.2	18	2	40	1.5	-55	175	G58
SET04##19	1000	1000	20	16	30	250	150	2.2	18	2	50	1.5	-55	175	G58
SET04##23	500	500	20	16	30	250	50	1.6	18	20	1000	1.5	-55	150	G58

NOTES:

- (1) Rating at Case Temperature T_C
 Rating for each leg in multiple diode assemblies
 (4) Measured on discrete devices prior to assembly

Add code for configuration ##:

- 01 = Non-isolated cathode to stud
 02 = Isolated cathode to stud
 03 = Non-isolated anode to stud
 04 = Isolated anode to stud

Device Type	Reverse Voltage		Average Forward Current (1)		Repetitive Surge Current	1 Cycle Surge Current Ip=8.3ms	Reverse Recovery (4)	Forward Voltage		Reverse Current		Thermal Impedance	Operating & Storage Temp Range	Case Outline
	VRRM	VRRM	IF (AV) @ TC		IRRM	IFSM	Tr	VF	@IF	IR	IR	θJC	TOP & TSTG	
			55 C	100 C				@25 C		@25 C	@100 C		Min	Max
	Volts	Volts	Amps	Amps	Amps	Amps	ns	Volts	Amps	µA	µA	C/W	C	C

ISOPAC™ RANGE (cont.)

SET05##03	1000	1000	60	44	100	500	2000	1.2	36	4	80	0.75	-55	175	G79
SET05##04	400	400	60	44	100	500	150	1.5	36	4	80	0.75	-55	175	G79
SET05##11	150	150	60	40	96	580	30	1.1	36	40	2000	0.75	-55	150	G79
SET05##12	600	600	60	44	100	500	2000	1.2	36	4	80	0.75	-55	175	G79
SET05##19	1000	1000	40	32	60	500	150	2.2	36	4	320	0.75	-55	175	G79
SET05##23	500	500	40	32	60	500	50	1.6	36	40	2000	0.75	-55	150	G79
SET10##03	1000	1000	90	66	150	750	2000	1.2	54	6	120	0.5	-55	175	G74
SET10##04	400	400	90	66	150	750	150	1.5	54	6	120	0.5	-55	175	G74
SET10##11	150	150	90	60	144	870	30	1.1	54	60	3000	0.5	-55	150	G74
SET10##12	600	600	90	66	150	750	2000	1.2	54	6	120	0.5	-55	175	G74
SET10##19	1000	1000	60	48	90	750	150	2.2	54	6	480	0.5	-55	175	G74
SET10##23	500	500	60	48	90	750	50	1.6	54	60	3000	0.5	-55	150	G74
SET13##03	1000	1000	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G76
SET13##04	400	400	15	11	25	150	150	1.5	9	1	20	3.0	-55	175	G76
SET13##11	150	150	15	10	24	175	30	1.1	9	10	500	3.0	-55	150	G76
SET13##12	600	600	15	11	25	150	2000	1.2	9	1	20	3.0	-55	175	G76
SET13##19	1000	1000	10	8	15	150	150	2.2	9	1	80	3.0	-55	175	G76
SET13##23	500	500	10	8	15	150	50	1.6	9	10	500	3.0	-55	150	G76

NOTES:

- (1) Rating at Case Temperature Tc
(4) Measured on discrete devices prior to assembly

Add code for configuration ##:

- 01 = Non-isolated cathode to stud
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04 = Isolated anode to stud

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