

Part Number	Rectified Current @TA=55°C	Repetitive Peak Reverse Voltage	Surge Current @8.3ms Half Sine-Wave	Max.Forward Voltage TA=25°C	
	I(AV) A	VRRM V	IFSM A	VFM V	IFM A
P7006	70	600	700	1.05	100
P7004	70	400	700	1.05	100
P7002	70	200	700	1.05	100
P7030	70	28	700	1.05	100
P7020	70	20	700	1.05	100
P7018	70	16	700	1.05	100
SMTPB130	50	100	30	2	117
SMTPB120	50	100	30	2	108
SMTPB100	50	100	30	2	90
SMTPB68	50	100	30	2	61
SMTPB62	50	100	30	2	56
SMTPA270	50	100	30	2	243
SMTPA240	50	100	30	2	216
SMTPA220	50	100	30	2	198
SMTPA200	50	100	30	2	180
SMTPA180	50	100	30	2	162
SMTPA130	50	100	30	2	117
SMTPA120	50	100	30	2	108
SMTPA100	50	100	30	2	90
SMTPA68	50	100	30	2	61
SMTPA62	50	100	30	2	56
HP5006	50	600	600	1.2	100
HP5004	50	400	600	1.2	100
HP5002	50	200	600	1.2	100
HP5030	50	28	600	1.2	100
HP5020	50	20	600	1.2	100
HP5018	50	16	600	1.2	100
B5006	50	600	600	1.2	100
B5004	50	400	600	1.2	100
B5002	50	200	600	1.2	100
D95006	50	600	550	1.2	100
D95004	50	400	550	1.2	100
D95002	50	200	550	1.2	100
L5006	50	600	600	1.2	100

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L5004	50	400	600	1.2	100
L5002	50	200	600	1.2	100
P5006	50	600	600	1.2	100
P5004	50	400	600	1.2	100
P5002	50	200	600	1.2	100
P5030	50	34-45	600	1.2	100
P5020	50	24-32	600	1.2	100
P5018	50	19-24	600	1.2	100
SMTPB130	50	100	30	2	117
SMTPB120	50	100	30	2	108
SMTPB100	50	100	30	2	90
SMTPB68	50	100	30	2	61
SMTPB62	50	100	30	2	56
SMTPA270	50	100	30	2	243
SMTPA240	50	100	30	2	216
SMTPA220	50	100	30	2	198
SMTPA200	50	100	30	2	180
SMTPA180	50	100	30	2	162
SMTPA130	50	100	30	2	117
SMTPA120	50	100	30	2	108
SMTPA100	50	100	30	2	90
SMTPA68	50	100	30	2	61
SMTPA62	50	100	30	2	56
HP3506	35	600	450	1.2	80
HP3504	35	400	450	1.2	80
HP3502	35	200	450	1.2	80
HP3530	35	28	450	1.2	80
HP3520	35	20	450	1.2	80
HP3518	35	16	450	1.2	80
B3506	35	600	450	1.2	80
B3504	35	400	450	1.2	80
B3502	35	200	450	1.2	80
D93506	35	600	450	1.2	80
D93504	35	400	450	1.2	80
D93502	35	200	450	1.2	80
D83506	35	600	450	1.2	80
D83504	35	400	450	1.2	80
D83502	35	200	450	1.2	80

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L3506	35	600	450	1.2	80
L3504	35	400	450	1.2	80
L3502	35	200	450	1.2	80
P3506	35	600	450	1.2	80
P3504	35	400	450	1.2	80
P3502	35	200	450	1.2	80
P3530	35	28	450	1.2	80
P3520	35	20	450	1.2	80
P3518	35	16	450	1.2	80
SMTPB130	50	100	30	2	117
SMTPB120	50	100	30	2	108
SMTPB100	50	100	30	2	90
SMTPB68	50	100	30	2	61
SMTPB62	50	100	30	2	56
SMTPA270	50	100	30	2	243
SMTPA240	50	100	30	2	216
SMTPA220	50	100	30	2	198
SMTPA200	50	100	30	2	180
SMTPA180	50	100	30	2	162
SMTPA130	50	100	30	2	117
SMTPA120	50	100	30	2	108
SMTPA100	50	100	30	2	90
SMTPA68	50	100	30	2	61
SMTPA62	50	100	30	2	56
SC5038	50	-	500	1.2	150
SC5034	50	-	500	1.2	150
SC5028	50	-	500	1.2	150
SC5024	50	-	500	1.2	150
SMTPB130	50	100	30	2	117
SMTPB120	50	100	30	2	108
SMTPB100	50	100	30	2	90
SMTPB68	50	100	30	2	61
SMTPB62	50	100	30	2	56
SMTPA270	50	100	30	2	243
SMTPA240	50	100	30	2	216
SMTPA220	50	100	30	2	198
SMTPA200	50	100	30	2	180
SMTPA180	50	100	30	2	162

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SMTPA130	50	100	30	2	117
SMTPA120	50	100	30	2	108
SMTPA100	50	100	30	2	90
SMTPA68	50	100	30	2	61
SMTPA62	50	100	30	2	56
C508	50	800	500	1.2	150
C506	50	600	500	1.2	150
C504	50	400	500	1.2	150
C502	50	200	500	1.2	150
C501	50	100	500	1.2	150
SMTPB130	50	100	30	2	117
SMTPB120	50	100	30	2	108
SMTPB100	50	100	30	2	90
SMTPB68	50	100	30	2	61
SMTPB62	50	100	30	2	56
SMTPA270	50	100	30	2	243
SMTPA240	50	100	30	2	216
SMTPA220	50	100	30	2	198
SMTPA200	50	100	30	2	180
SMTPA180	50	100	30	2	162
SMTPA130	50	100	30	2	117
SMTPA120	50	100	30	2	108
SMTPA100	50	100	30	2	90
SMTPA68	50	100	30	2	61
SMTPA62	50	100	30	2	56
SC3538	35	-	500	1.2	105
SC3534	35	-	500	1.2	105
SC3528	35	-	500	1.2	105
SC3524	35	-	500	1.2	105
C358	35	800	500	1.2	105
C356	35	600	500	1.2	105
C354	35	400	500	1.2	105
C352	35	200	500	1.2	105
C351	35	100	500	1.2	105
SMTPB130	50	100	30	2	117
SMTPB120	50	100	30	2	108
SMTPB100	50	100	30	2	90
SMTPB68	50	100	30	2	61

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SMTPB62	50	100	30	2	56
SMTPA270	50	100	30	2	243
SMTPA240	50	100	30	2	216
SMTPA220	50	100	30	2	198
SMTPA200	50	100	30	2	180
SMTPA180	50	100	30	2	162
SMTPA130	50	100	30	2	117
SMTPA120	50	100	30	2	108
SMTPA100	50	100	30	2	90
SMTPA68	50	100	30	2	61
SMTPA62	50	100	30	2	56
SC2538	25	-	400	1.2	75
SC2534	25	-	400	1.2	75
SC2528	25	-	400	1.2	75
SC2524	25	-	400	1.2	75
C258	25	800	400	1.2	75
C256	25	600	400	1.2	75
C254	25	400	400	1.2	75
C252	25	200	400	1.2	75
SMTPB130	50	100	30	2	117
SMTPB120	50	100	30	2	108
SMTPB100	50	100	30	2	90
SMTPB68	50	100	30	2	61
SMTPB62	50	100	30	2	56
SMTPA270	50	100	30	2	243
SMTPA240	50	100	30	2	216
SMTPA220	50	100	30	2	198
SMTPA200	50	100	30	2	180
SMTPA180	50	100	30	2	162
SMTPA130	50	100	30	2	117
SMTPA120	50	100	30	2	108
SMTPA100	50	100	30	2	90
SMTPA68	50	100	30	2	61
SMTPA62	50	100	30	2	56
C108	10	800	400	1.2	30
C106	10	600	400	1.2	30
C104	10	400	400	1.2	30
C102	10	200	400	1.2	30

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C101	10	100	400	1.2	30
SMTPB130	50	100	30	2	117
SMTPB120	50	100	30	2	108
SMTPB100	50	100	30	2	90
SMTPB68	50	100	30	2	61
SMTPB62	50	100	30	2	56
SMTPA270	50	100	30	2	243
SMTPA240	50	100	30	2	216
SMTPA220	50	100	30	2	198
SMTPA200	50	100	30	2	180
SMTPA180	50	100	30	2	162
SMTPA130	50	100	30	2	117
SMTPA120	50	100	30	2	108
SMTPA100	50	100	30	2	90
SMTPA68	50	100	30	2	61
SMTPA62	50	100	30	2	56
C58	5	800	200	1.2	15
C56	5	600	200	1.2	15
C54	5	400	200	1.2	15
C52	5	200	200	1.2	15
C51	5	100	200	1.2	15
SMTPB130	50	100	30	2	117
SMTPB120	50	100	30	2	108
SMTPB100	50	100	30	2	90
SMTPB68	50	100	30	2	61
SMTPB62	50	100	30	2	56
SMTPA270	50	100	30	2	243
SMTPA240	50	100	30	2	216
SMTPA220	50	100	30	2	198
SMTPA200	50	100	30	2	180
SMTPA180	50	100	30	2	162
SMTPA130	50	100	30	2	117
SMTPA120	50	100	30	2	108
SMTPA100	50	100	30	2	90
SMTPA68	50	100	30	2	61
SMTPA62	50	100	30	2	56
C38	3	800	150	1.2	9
C36	3	600	150	1.2	9

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C34	3	400	150	1.2	9
C32	3	200	150	1.2	9
C31	3	100	150	1.2	9

Max.Reverse Current		Avalanche	
TA=25°C	TA=150°C	Voltage	
IRM		VR	Outline
uA	uA	V	
10	-	600	Press-Fit
10	-	400	Press-Fit
10	-	200	Press-Fit
1	-	34-45	Press-Fit
1	-	24-32	Press-Fit
1	-	19-24	Press-Fit
130	50	173	800
120	50	160	800
100	50	133	800
68	50	90	800
62	50	82	800
270	1	360	800
240	1	320	800
220	1	293	800
200	1	267	800
180	1	240	800
130	1	173	800
120	1	160	800
100	1	133	800
68	1	90	800
62	1	82	800
10	-	600	
10	-	400	
10	-	200	Hitachi Press-Fit
1	-	34-45	
1	-	24-32	
1	-	19-24	Hitachi Press-Fit
10	-	600	Block
10	-	400	Block
10	-	200	Block
10	-	600	Dish(9.6mm)
10	-	400	Dish(9.6mm)
10	-	200	Dish(9.6mm)
10	-	600	Lucas

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10	-	400	Lucas
10	-	200	Lucas
10	-	600	Press-Fit
10	-	400	Press-Fit
10	-	200	Press-Fit
1	-	28	Press-Fit
1	-	20	Press-Fit
1	-	16	Press-Fit
130	50	173	800
120	50	160	800
100	50	133	800
68	50	90	800
62	50	82	800
270	1	360	800
240	1	320	800
220	1	293	800
200	1	267	800
180	1	240	800
130	1	173	800
120	1	160	800
100	1	133	800
68	1	90	800
62	1	82	800
10	-	600	
10	-	400	
10	-	200	Hitachi Press-Fit
1	-	34-45	
1	-	24-32	
1	-	19-24	Hitachi Press-Fit
10	-	600	Block
10	-	400	Block
10	-	200	Block
10	-	600	Dish(9.6mm)
10	-	400	Dish(9.6mm)
10	-	400	Dish(9.6mm)
10	-	600	Dish(8.4mm)
10	-	400	Dish(8.4mm)
10	-	200	Dish(8.4mm)

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10	-	600	Lucas
10	-	400	Lucas
10	-	200	Lucas
10	-	600	Press-Fit
10	-	400	Press-Fit
10	-	200	Press-Fit
1	-	34-45	Press-Fit
1	-	24-32	Press-Fit
1	-	19-24	Press-Fit
130	50	173	800
120	50	160	800
100	50	133	800
68	50	90	800
62	50	82	800
270	1	360	800
240	1	320	800
220	1	293	800
200	1	267	800
180	1	240	800
130	1	173	800
120	1	160	800
100	1	133	800
68	1	90	800
62	1	82	800
5	250	34-42	CELL50
5	250	30-36	CELL50
5	250	24-32	CELL50
5	250	20-26	CELL50
130	50	173	800
120	50	160	800
100	50	133	800
68	50	90	800
62	50	82	800
270	1	360	800
240	1	320	800
220	1	293	800
200	1	267	800
180	1	240	800

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130	1	173	800
120	1	160	800
100	1	133	800
68	1	90	800
62	1	82	800
5	250	-	CELL35
5	250	-	CELL35
5	250	-	CELL35
5	250	-	CELL35
5	250	-	CELL35
130	50	173	800
120	50	160	800
100	50	133	800
68	50	90	800
62	50	82	800
270	1	360	800
240	1	320	800
220	1	293	800
200	1	267	800
180	1	240	800
130	1	173	800
120	1	160	800
100	1	133	800
68	1	90	800
62	1	82	800
5	250	34-42	CELL35
5	250	30-36	CELL35
5	250	24-32	CELL35
5	250	20-26	CELL35
5	250	-	CELL25
5	250	-	CELL25
5	250	-	CELL25
5	250	-	CELL25
5	250	-	CELL25
130	50	173	800
120	50	160	800
100	50	133	800
68	50	90	800

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62	50	82	800
270	1	360	800
240	1	320	800
220	1	293	800
200	1	267	800
180	1	240	800
130	1	173	800
120	1	160	800
100	1	133	800
68	1	90	800
62	1	82	800
5	250	34-42	CELL25
5	250	30-36	CELL25
5	250	24-32	CELL25
5	250	20-26	CELL25
5	250	-	CELL25
5	250	-	CELL25
5	250	-	CELL25
5	250	-	CELL25
130	50	173	800
120	50	160	800
100	50	133	800
68	50	90	800
62	50	82	800
270	1	360	800
240	1	320	800
220	1	293	800
200	1	267	800
180	1	240	800
130	1	173	800
120	1	160	800
100	1	133	800
68	1	90	800
62	1	82	800
5	250	-	CELL25
5	250	-	CELL25
5	250	-	CELL25
5	250	-	CELL25

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5	250	-	CELL25
130	50	173	800
120	50	160	800
100	50	133	800
68	50	90	800
62	50	82	800
270	1	360	800
240	1	320	800
220	1	293	800
200	1	267	800
180	1	240	800
130	1	173	800
120	1	160	800
100	1	133	800
68	1	90	800
62	1	82	800
5	250	-	CELL5
5	250	-	CELL5
5	250	-	CELL5
5	250	-	CELL5
5	250	-	CELL5
130	50	173	800
120	50	160	800
100	50	133	800
68	50	90	800
62	50	82	800
270	1	360	800
240	1	320	800
220	1	293	800
200	1	267	800
180	1	240	800
130	1	173	800
120	1	160	800
100	1	133	800
68	1	90	800
62	1	82	800
5	250	-	CELL5
5	250	-	CELL5

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5	250	-	CELL5
5	250	-	CELL5
5	250	-	CELL5