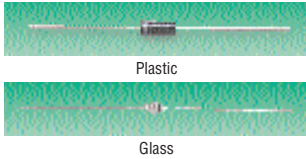


Power Diodes – Ultra-Fast Recovery — continued

0.6A to 6A, Axial



	Package			L	Dia.
a	DO-15	Plastic	7.6	3.6	
b	DO-204AP	Glass	6.1	3.8	
c	DO-210AP	Plastic	9.5	5.3	
d	DO-27A	Plastic	9.8	5.1	
e	DO-41	Plastic	5.2	2.7	
f	DOT-30B	Glass	4.2	3.0	
g	F-126	Glass	6.35	3.05	
h	MPG-06	Plastic	3.2	2.54	
i	SOD-57	Glass	4.6	3.8	
j	SOD-64	Glass	5.0	4.5	
k	267-03	Plastic	9.39	6.35	
m	P600	Plastic	9.1	9.1	

I_f (av) A	I_{FSM} A	t_{rr} ns	V_f max. V	Pack- age	Mfrs. List No./ Series
0.6	40	15	0.95	h	UG06...
1.0	30	30	2.5	i	BYV26C
1.0	30	50	1.6	f	BYT43J
1.0	30	75	1.7	e	UF4005/6/7
1.0	30	75	1.7	e	SF4007
1.0	30	75	2.5	i	BYV26E
1.0	30	75	2.5	b	BYV26D/E
1.0	30	50	1.0	e	UF4001/2/3/4
1.0	30	50	1.0	e	SF4004
1.0	30	35	0.95	e	SF1...
1.0	30	35	0.95	e	ER102
1.0	30	25	1.5	g	BYT01-400
1.0	31.4	35	1.05	e	11DF1
1.0	35	75	1.75	e	MUR1100E
1.0	35	50	1.25	e	MUR160

I_f (av) A	I_{FSM} A	t_{rr} ns	V_f max. V	Pack- age	Mfrs. List No./ Series
1.0	50	15	0.95	e	UG1...
1.5	50	35	1.2	g	BYW100-200
1.9	50	50	1.1	j	BYT53G
2.0	50	35	0.95	a	SF2...
2.0	50	25	1.07	i	BYV27-200
2.0	60	15	0.95	a	UG2...
3.0	60	25	1.5	d	BYT03-400
3.0	70	35	1.1	d	BYW98...
3.0	125	35	1.0	c	SF3...
3.0	150	75	1.7	c	UF5406/7/8
3.0	150	50	1.0	c	UF5400/1/2/4
3.5	90	30	1.1	j	BYV28-200
4.0	70	75	1.8	k	MUR4100E
4.0	125	20	1.0	c	UG4...
6.0	150	35	0.95	m	ER600

SD81 / SD81A

Order Multiple=1

V_{RRM} V	Mfrs. List No.	Mfr.	Order Code	1+	25+	100+	250+
100	11DF1	IR	506-680				

Order Multiple=5

V_{RRM} V	Mfrs. List No.	Mfr.	Order Code	5+	100+	250+	1K+
400	BYT01-400	ST	366-470				
400	BYT03-400	ST	366-493				

V_{RRM} V	Mfrs. List No.	Mfr.	Order Code	5+	100+	1K+	3K+
600	BYT43J	TFK	995-277				
400	BYT53G	TFK	995-307 †				
600	BYV26C	TFK	995-332				
800	BYV26D	GS	518-566				
1000	BYV26E	GS	518-578				
1000	BYV26E	TFK	995-344				

V_{RRM} V	Mfrs. List No.	Mfr.	Order Code	5+	25+	100+	250+
200	BYV27-200	TFK	995-356				
200	BYV28-200	TFK	995-368				
200	BYW100-200	ST	366-754				
50	BYW98-50	ST	437-785 †				
200	BYW98-200	ST	366-730				
1000	MUR1100E	ON	708-331				
600	MUR160	ON	708-320				
1000	MUR4100E	ON	708-343				

V_{RRM} V	Mfrs. List No.	Mfr.	Order Code	5+	100+	500+	1K+
200	ER102	MC	330-7724				
150	ER601A	MC	330-7773				
200	ER602	MC	330-7785				
100	SF12	MC	739-674				
200	SF14	MC	739-686				
100	SF22	MC	739-698				
100	SF32	MC	739-716				

V_{RRM} V	Mfrs. List No.	Mfr.	Order Code	5+	25+	100+	1K+
400	SF4004	TFK	664-005				
1000	SF4007	TFK	664-030				

Order Multiple=10

V_{RRM} V	Mfrs. List No.	Mfr.	Order Code	10+	100+	500+	1K+
50	UF4001	GS	.366-810				
100	UF4002	GS	.366-821				
200	UF4003	GS	.366-833				
400	UF4004	GS	.366-845				
600	UF4005	GS	.366-857				
800	UF4006	GS	.366-869				
1000	UF4007	GS	.434-334				

Order Multiple=5

V_{RRM} V	Mfrs. List No.	Mfr.	Order Code	5+	50+	100+	1K+
50	UF5400	GS	.366-870				
100	UF5401	GS	.366-882				
200	UF5402	GS	.366-894				
400	UF5404	GS	.366-900				
600	UF5406	GS	.366-912				
800	UF5407	GS	.434-358				
1000	UF5408	GS	.518-130				

V_{RRM} V	Mfrs. List No.	Mfr.	Order Code	5+	100+	1K+	4K+
100	UG06B	GS	433-366				
100	UG1B	GS	433-408				
150	UG1C	GS	433-410				

Order Multiple=1

V_{RRM} V	Mfrs. List No.	Mfr.	Order Code	1+	100+	1400+	4200+
200	UG4D	GS	433-500				

† Available until stocks are exhausted

1A to 200A

I_f (av) A	V_{RRM} V	I_{FSM} A	t_{rr} ns	V_f @ V	I_f A	Package	Mfrs. List No.
1	200	35	25	0.875	1	59-04	MUR120
1	200	40	35	0.875	1	SMB	MURS120T3
1	600	35	75	1.25	1	SMB	MURS160T3
3	200	75	35	0.75	3	D-PAK	MURD320
3	200	75	35	0.875	3	SMC	MURS320T3
4	200	125	25	0.875	3	SMB	MUR420
4	600	70	50	1.25	3	267-03	MUR460
6	200	50	35	0.96	3	D-PAK	MURD620CT
8	200	100	35	0.975	8	DO-220	MUR820
8	600	100	50	1.5	8	DO-220	MUR860
8	600	100	35	2.8	4	TO-220	MURH860CT
8	1000	100	75	1.8	8	DO-220	MUR8100E
15	600	150	60	1.5	15	DO-220	MUR1560
16	200	100	35	0.975	8	TO-220	MUR1620CT
16	600	100	60	1.5	8	TO-220	MUR1660CT
30	200	150	35	1.05	15	TO-247	MUR3020WT
30	400	300	100	1.5	30	DO-218	MUR3040
30	600	150	60	1.2	15	TO-218	MUR3060PT
60	400	600	100	1.5	60	DO-218	MUR6040
200	400	800	50	1.3	100	POWERTAP	MURP20040CT

FOR PACKAGING OUTLINES SEE PAGE 425

SD375

Order Multiple=1

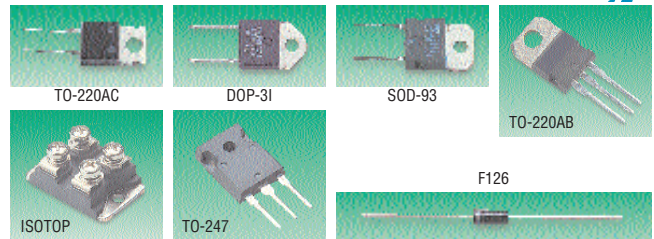
Mfrs. List No.	Order Code	1+	25+	100+	500+
MUR120	930-994				
MUR420	931-070				
MUR460	930-910				
MUR820	931-044				
MUR860	931-020				
MUR1560	930-933				
MUR1620CT	930-982				
MUR1660CT	931-019				
MUR3020WT	930-957				
MUR3040	NEW 352-6562				
MUR3060PT	930-970				
MUR6040	930-908				
MUR8100E	931-056				
MURD320	234-6400				
MURD620CT	234-6461				
MURH860CT	930-969				

Mfrs. List No.	Order Code	1+	5+	10+	25+
MURP20040CT	930-921				

Order Multiple=5

Mfrs. List No.	Order Code	5+	100+	250+	500+
MURS120T3	SMD 930-945				
MURS160T3	SMD 931-032				
MURS320T3	SMD 931-068				

TurboSwitch® High Voltage



I_f (av) A	I_f (rms) A	V_{RRM} V	V_{FSM} V	I_{FRM} A	t_{rr} max (*typ) ns	V_f @ V	I_f A	Package	Mfrs. List No.
1	6	600	—	10	20*	1.5	1	SMB	STTA106U
1	6	1200	—	10	65*	1.5	1	SMB	STTA112U
2	8	600	600	50	20*	1.5	2	SMC	STTA206S
5	10	1200	1200	70	45*	1.2	5	Isowatt220AC	STTA512F
5	20	600	600	65	20*	1.5	5	Isowatt220AC	STTA506F
5	20	600	600	65	95	1.3	5	TO-220AC	STTB506D
5	20	600	600	65	45*	1.75	5	TO-220AC	STTA506D
8	2	600	600	120	25*	1.5	8	TO-220AC	STTA806DI
8	14	600	600	80	30	3.5	8	TO-220AB	STTH806T-T1
8	20	300	—	100	35	1.25	8	TO-220AC	STTH803D
8	20	600	600	120	25*	1.75	8	TO-220AC	STTA806D
12	20	600	600	120	28*	1.75	12	TO-220AC	STTA1206DI
12	30	600	600	140	28*	1.75	12	TO-220AC	STTA1206D
15	50	1200	1200	300	55	1.9	15	SOD-93	STTA1512P
2 10	2 30	300	—	110	35	1.25	10	TO-220AB	STTH2003CT
20	50	600	600	270	30*	1.75	20	SOD-93	STTA2006P
30	50	600	600	300	35*	1.75	30	SOD-93	STTA3006P
30	50	600	600	300	35*	1.75	30	DOP-3I	STTA3006PI
2 15	2 35	600	600	2 100	35*	1.6	15	TO-247	STTA3006CW
2 30	—	300	—	—	—	1.0	30	TO-247	STTH6003CW
2 30	—	300	—	—	—	1.0	30	ISOTOP	STTH6003TV1
2 60	—	300	—	—	—	1.0	60	ISOTOP	STTH12003TV1

SD389