

Fast Recovery Diodes

T.03-15



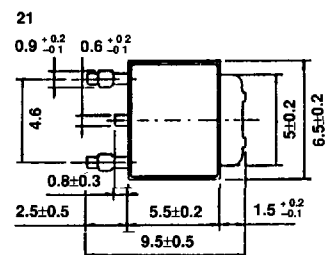
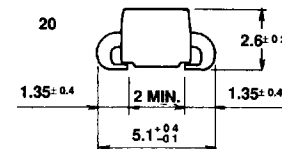
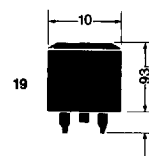
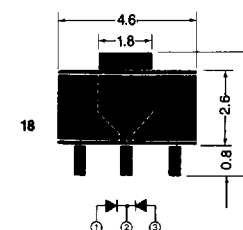
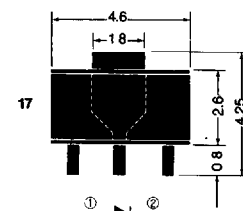
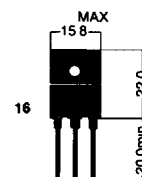
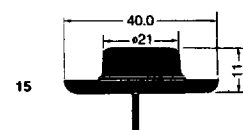
Fast Recovery "Quick Reference" Selection Guide

PACKAGE		50-100 VOLT				200 VOLT				300-400 VOLT			
		Part Number	Io(A)	trr/ns	Pkg.	Part Number	Io(A)	trr/ns	Pkg.	Part Number	Io(A)	trr/ns	Pkg.
S I N G L E	AXIAL	ERA32-01	1.0	100	3	ERA91-02	0.5	35	1	ERA38-04	0.5	50	1
		ERB32-01	1.2	100	5	ERA18-02	.8	400	1	ERB38-04	0.8	50	3
		ERC30-01	1.5	100	6	ERB91-02	1.0	35	3	ERC38-04	1.0	50	6
		ERD32-01	3.0	100	7	ERB93-02	1.5	35	6	ERD38-04	1.5	50	7
						ERC91-02	3.0	35	7	ERA22-04	0.5	400	1
						ERB35-02	1.0	100	4	ERB43-04	0.5	400	3
						ERB32-02	1.2	100	5	ERA18-04	0.8	400	1
						ERC30-02	1.5	100	6	ERB44-04	1.0	400	3
						ERD33-02	2.0	100	8	ERC25-04	1.2	400	6
						ERC35-02	2.5	100	7	ERD28-04	1.5	400	7
D U A L	TO-220					ERD32-02	3.0	100	7	ERD29-04	2.5	400	8
						ERA22-02	0.5	400	1				
						ERB43-02	0.5	400	3				
						ERA92-02	1.0	35	1				
						ERB44-02	1.0	400	3				
						ERD29-02	2.5	400	8				
						ERC90-02	5.0	35	9	ERC20-04	5.0	400	9
						ERC90-02B	8.0	35	9				
						ERC20-02	5.0	400	9				
						ERC90M-02	5.0	35	13	ERC20M-04	5.0	400	13
						ERC20M-02	5.0	400	13				
D U A L	F-PACK	ESAC31-01C,N,D	10.0	300	11	ESAB92-02	5.0	35	11	ESAC39-04C,N,D	5.0	50	11
						ESAC92-02	10.0	35	11	ESAC25-04C,N,D	10.0	400	11
						ESAC92-02B	16.0	35	11				
						ESAB33-02CS	5.0	100	11				
						ESAC33-02C,N,D	8.0	100	11				
						ESAC33-02CS	10.0	100	11				
						ESAC31-02C,N,D	10.0	300	11				
						ESAC25-02C,N,D	10.0	400	11				
						ESAB92M-02	5.0	35	14	ESAB92M-03	5.0	35	14
						ESAC92M-02	10.0	35	14	ESAC92M-03	10.0	35	14
D U A L	TO-3					ESAC93M-02	12.0	35	16	ESAC93M-03	12.0	35	16
						ESAD92M-02	20.0	40	16	ESAD92M-03	20.0	40	16
						ESAB34M-02C	5.0	100	14	ESAC39M-04C,N,D	5.0	50	14
						ESAC33M-02C,N,D	8.0	100	14	ESAC25M-04C,N,D	10.0	400	14
						ESAC34M-02C	10.0	100	14				
						ESAC25M-02C,N,D	10.0	400	14				
						ESAC75-02	8.0	300	15				
						ESAD75-02	16.0	300	15				
D U A L	TO-3P	ESAC75-005	8.0	300	15	ESAC93-02	12.0	35	12	ESAD39-04C,N,D	10.0	50	12
		ESAC75-01	8.0	300	15	ESAD92-02	20.0	40	12	ESAD25-04C,N,D	15.0	400	12
		ESAD75-005	16.0	300	15	ESAD92-02B	30.0	40	12	ESAD95-04	20.0	60	12
		ESAD75-01	16.0	300	15	ESAD51-02C,N,D	20.0	60	12				
						ESAD33-02C,N,D	15.0	100	12				
						ESAD33-02CS	20.0	100	12				
						ESAD25-02C,N,D	15.0	400	12				
S I N G L E	AXIAL	ERA38-05	0.5	50	1	ERB37-08	1.0	250	3	ERA34-10	0.1	150	1
		ERA38-06	0.5	50	1	ERA22-08	0.5	400	1	ERB37-10	1.0	250	3
		ERB38-05	0.8	50	3	ERB43-08	0.5	400	3	ERA22-10	0.5	400	1
		ERB38-06	0.8	50	3	ERB44-08	1.0	400	3	ERB44-10	1.0	400	3
		ERC38-05	1.0	50	6					ERC09-13	1.5	600	7
		ERC38-06	1.0	50	6					ERC09-15	1.5	600	7
		ERD38-05	1.5	50	7					ERD09-13	3.0	600	8
		ERD38-06	1.5	50	7					ERD09-15	3.0	600	8
		ERA22-06	0.5	400	1					ERD07-13	1.5	1500	7
		ERB43-06	0.5	400	3					ERD07-15	1.5	1500	7
D U A L	TO-220	ERB44-06	1.0	400	3					ERE41-15	3.0	2000	8
		ERC25-06	1.2	400	6					ERB06-13	1.0	4000	3
		ERD28-06	1.5	400	7					ERB06-15	1.0	4000	3
		ERD29-06	2.5	400	8					ERC06-13	1.5	4000	7
										ERC06-15	1.5	4000	7
D U A L	F-PACK	ERC20-06	5.0	400	9	ERC20-08	5.0	400	9	ERD08M-13	5.0	1500	16
		ERC20M-06	5.0	400	13	ERC20M-08	5.0	400	13	ERD08M-15	5.0	1500	16
										ERE42M-15	5.0	2200	16
D U A L	TO-3P	ESAC39-06C,N,D	5.0	50	11								
		ESAD39-06C,N,D	10.0	50	12								
		ESAC39M-06C,N,D	5.0	50	14								

New Surface Mount

NOTE: F-Pack is full mold package

PACKAGE		200-300 VOLT				400 VOLT				600 VOLT			
		Part Number	Io(A)	trr/ns	Pkg.	Part Number	Io(A)	trr/ns	Pkg.	Part Number	Io(A)	trr/ns	Pkg.
S I N G L E	SURFACE MOUNT	SC201-2	5	400	20	SC311-4	5	50	20	SC311-6	5	50	20
		SC211-2	8	400	20	SC201-4	.5	400	20	SC201-6	.5	400	20
		SL012	1.0	35	17	SC211-4	.8	400	20				
		SC902-02	1.0	35	20								
		SC321	1.0	100	20								
D U A L		KS923C2	5.0	35	21								
		TS902C2	10.0	35	19								
		TS902C3	10.0	35	19								



Note:
See Page 12 for additional
package drawings.

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