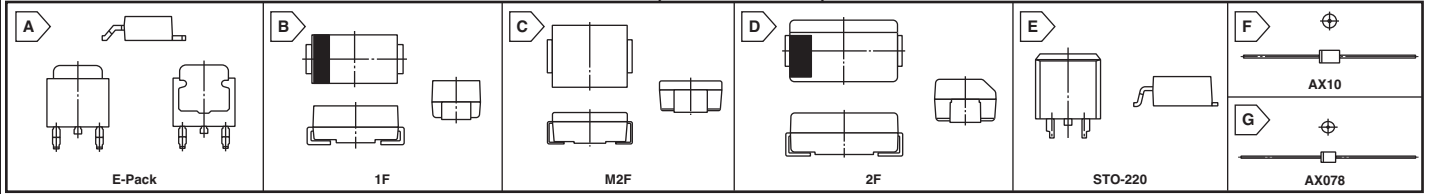


RoHS Compliant This product is RoHS compliant.



SHINDENGEN SCHOTTKY BARRIER DIODES

◆ Surface Mount Device

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Package	Absolute Max Ratings						Electrical Characteristics						Price Each				
Mfr.	Mfr. Part Number			VRM (V)	Io (A)	Conditions Tc (°C)	IFSM (A)	Tstg (°C)	Tj (°C)	VF Max (V)	Conditions IF (A)	IR Max VR=VRM (μA)	Cj (Typ) (pF)	θj Max (°C/W)	θja Max (°C/W)	θjc Max (°C/W)	1	100	200	1000
◆	627—DE5S4M-7101	A	E-Pack	40	5	101	80	-40 to 150	150	0.55	5	3.5	180	---	55	12	.79	.66	.59	.42
◆	627—D1FM3-5063	B	1F	30	5	83	90	-55 to 150	150	0.4	1	0.1	130	18	65	16	.34	.28	.25	.18
◆	627—M2FH3-5063	C	M2F	30	6	70	110	-55 to 125	125	0.3	2	4	240	16	55	14	.74	.62	.56	.40
◆	627—M2FM3-5063	C	M2F	30	6	99	120	-55 to 150	150	0.4	2	0.2	240	16	55	14	.64	.54	.48	.34
◆	627—DE10P3-7101	A	E-Pack	30	10	95	200	-55 to 125	125	0.4	8	25	600	---	---	4	1.08	.90	.81	.58
◆	627—DE10SC3L-7101	A	E-Pack	30	10	124	100	-55 to 150	150	0.45	4	5mA	290	---	---	4	1.07	.89	.80	.57

SHINDENGEN SUPER FAST RECOVERY DIODES

◆ Surface Mount Device

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Package	Absolute Max Ratings						Electrical Characteristics						Price Each				
Mfr.	Mfr. Part Number			VRM (V)	Io (A)	Conditions Tc (°C)	IFSM (A)	Tstg (°C)	Tj (°C)	VF Max (V)	Conditions IF (A)	IR Max VR=VRM (μA)	ttr (Max) (ns)	θj Max (°C/W)	θja Max (°C/W)	θjc Max (°C/W)	1	100	200	1000
◆	627—D1FK60-5063	B	1F	600	0.8	29	20	-55 to 150	150	1.3	0.8	10	75	23	108	---	.17	.15	.13	.093
◆	627—D1FL40-5063	B	1F	400	0.8	25	25	-55 to 150	150	1.3	0.8	10	50	23	108	---	.24	.20	.18	.13
◆	627—M1FL40-5063	B	M1F	400	1	25	25	-55 to 150	150	1.3	1	10	50	20	80	18	.24	.20	.18	.13
◆	627—D1FL20U-5063	B	1F	200	1.1	25	20	-55 to 150	150	0.98	1.1	10	35	23	108	---	.32	.27	.24	.17
◆	627—M1FL20U-5063	B	M1F	200	1.1	25	30	-55 to 150	150	0.98	1.1	10	35	20	108	---	.20	.17	.15	.11
◆	627—D2FL40-5063	D	2F	400	1.3	25	40	-40 to 150	150	1.3	1.3	10	50	24	90	---	.72	.60	.54	.38
◆	627—D2FK60-5063	D	2F	600	1.5	101	40	-55 to 150	150	1.3	1.5	10	75	24	90	---	.47	.39	.35	.25
◆	627—D2FL20U-5063	D	2F	200	1.5	25	50	-55 to 150	150	0.98	1.5	10	35	24	90	---	.58	.49	.44	.31
◆	627—DE3L40-7101	A	E-Pack	400	3	99	50	-55 to 150	150	1.3	3	10	50	---	55	12	.82	.68	.61	.44
◆	627—DE3L20U-7101	A	E-Pack	200	3	113	60	-55 to 150	150	0.98	3	10	35	---	55	12	.90	.75	.67	.48
◆	627—DE5L60-7101	A	E-Pack	600	5	57	60	-55 to 150	150	2	5	10	50	---	125	12	1.02	.85	.77	.54
◆	627—DF10L60-7102	E	STO-220	600	10	105	100	-55 to 150	150	1.9	10	10	50	---	---	2	2.21	1.84	1.65	1.18
◆	627—DF20L60-7102	E	STO-220	600	20	84	170	-55 to 150	150	1.9	20	25	70	---	---	1.5	2.83	2.36	2.12	1.51

SHINDENGEN SIDACs

Bi-Directional

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Package	Absolute Max Ratings						Electrical Characteristics						Price Each			
Mfr.	Mfr. Part Number			VDRM (V)	IT (A)	Conditions TI (°C)	ITSM (A)	ITRM @1 kHz (A)	diT/dt (A/μs)	VBO (V)	IDRM (Max) (μA)	Conditions VD (V)	IBO (Max) (mA)	IH (Typ) (mA)	VT (Max) @ IT 1A (V)	1	100	200	1000
	627—K1V11-4060	F	AX10	90	1	112	20	25	80	104 to 118	10	90	0.5	50	1.5	.96	.80	.72	.51
	627—K1V12-4060	F	AX10	90	1	112	20	25	80	110 to 125	10	90	0.5	50	1.5	.96	.80	.72	.51
	627—K1V14-4060	F	AX10	115	1	109	20	25	80	125 to 150	10	115	0.5	30	1.5	.96	.80	.72	.51
	627—K1V22-4060	F	AX10	180	1	108	20	25	80	200 to 230	10	180	0.5	20	1.5	1.06	.89	.80	.57
	627—K1V22W-4060	F	AX10	180	1	91	16	17	80	200 to 230	10	180	0.5	50	3	1.11	.93	.83	.59
	627—K1V24-4060	F	AX10	180	1	108	20	25	80	220 to 250	10	180	0.5	20	1.5	1.06	.89	.80	.57
	627—K1V24W-4060	F	AX10	180	1	91	16	17	80	220 to 250	10	180	0.5	50	3	1.16	.97	.87	.62
	627—K1V26-4060	F	AX10	180	1	108	20	25	80	240 to 270	10	180	0.5	20	1.5	1.06	.89	.80	.57

Uni-Directional

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Package	Absolute Max Ratings						Electrical Characteristics						Price Each			
Mfr.	Mfr. Part Number			VDRM(A) (V)	IT (A)	Conditions TI (°C)	ITRM @60 Hz (A)	diT/dt (A/μs)	VBO (V)	IDRM(A) (Max) (μA)	Conditions VD (V)	IBO(A) (Max) (mA)	IH(A)/IH(K)(A) (Max) (mA)	VT(A)/VT(K) (Max)@IT 1A (V)	1	100	200	1000	
	627—G1VB22C-4000	G	AX078	190	1	102	120	80	210 to 230	10	190	0.5	60	1.5	.56	.47	.42	.30	

SHINDENGEN TRANKILLERS

◆ Surface Mount Device

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Package	Absolute Max Ratings						Electrical Characteristics						Price Each			
Mfr.	Mfr. Part Number			PRSM (W)	Tstg (°C)	Tj (°C)	VRM (V)	VBR (Std) (V)	Conditions IF (A)	IR (Max) (μA)	Conditions VR (V)	IZ (Max) (%/°C)	VCL (Max) (V)	Conditions IPP (A)	1	100	200	1000	
◆	627—ST0358F1-5063	B	1F	300	-55 to 150	150	45	58	1	5	45	---	---	---	.38	.31	.28	.20	
◆	627—ST0416F1-5063	B	1F	400	-55 to 175	175	13.6	16	1	5	13.6	---	23	15	.21	.18	.16	.11	
◆	627—ST0427F1-5063	B	1F	400	-55 to 175	175	23	27	1	5	23	---	37	10	.21	.17	.16	.11	
◆	627—S7027F-7072	E	STO-220	7000	-40 to 150	150	23	27	1	5	23	0.09	40	180	2.03	1.69	1.52	1.08	

SHINDENGEN THYRISTOR SURGE SUPPRESSORS

◆ Surface Mount Device

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Package	Absolute Max Ratings						Electrical Characteristics				Price Each			
Mfr.	Mfr. Part Number			ITSM (A)	Conditions (μs)	VDRM (V)	VBO (Min) (V)	VCL (Max) (V)	IDRM (Max) (μA)	Conditions VD (V)	IH (Min) (mA)	Cj (Max) (pF)	1	100	200	1000	
◆	627—KU10R23N-5063	C	M2F	100	10/1000	190	200	260	5	190	100	90	.94	.78	.70	.50	
◆	627—KU10R29N-5063	C	M2F	100	10/1000	250	275	400	5	250	100	90	.71	.59	.53	.38	