



An extensive range of unidirectional and bidirectional transient voltage suppressors offering a high energy absorption capability ranging from 400W up to 1500W. Available in surface mount or through hole packages. Designed to protect voltage sensitive components, these semiconductor devices provide a very fast response time and excellent clamping ability, ideal for protecting integrated circuits and MOS devices. N.B. Unidirectional types are suitable for dc applications whilst bidirectional are suitable for ac applications.



SMA/DO214AC

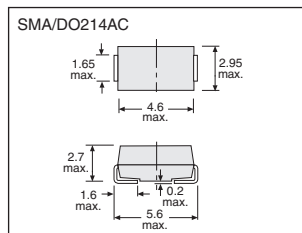
400W Unidirectional

Table with 15 columns: SMAJ(A), 400W Peak Power, Unidirectional (dc), 5%, Package: SMA/DO214AC. Columns include Voltage (V) Max. Cont., Breakdown min., max., Marking Code, Device & Anglia Order Code, and Device & Anglia Order Code.

400W Bidirectional

Table with 15 columns: SMAJ(CA), 400W Peak Power, Bidirectional (ac), 5%, Package: SMA/DO214AC. Columns include Voltage (V) Max. Cont., Breakdown min., max., Marking Code, Device & Anglia Order Code, and Device & Anglia Order Code.

Package Dimensions (mm)



Surface Mount TVS Diodes continued overleaf > > >



SMB/DO214AA

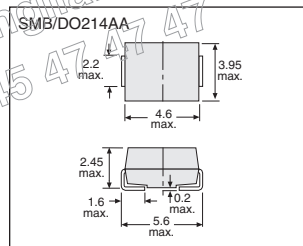
600W Unidirectional

SMBJ(A)				600W Peak Power, Unidirectional (dc), 5%					Package: SMB/DO214AA					
Voltage (V)			Marking Code	Device & anglia Order Code	Voltage (V)			Marking Code	Device & anglia Order Code	Voltage (V)			Marking Code	Device & anglia Order Code
Max. Cont.	Breakdown min.	max.			Max. Cont.	Breakdown min.	max.			Max. Cont.	Breakdown min.	max.		
5	6.4	7.07	BUZ	SMBJ5.0A	18	20.0	22.1	BUH	SMBJ18A	48	53.3	58.9	BUW	SMBJ48A
6	6.67	7.37	BUA	SMBJ6.0A	20	22.2	24.5	BUI	SMBJ20A	58	64.4	71.2	BUO	SMBJ58A
6.5	7.22	7.98	BUB	SMBJ6.5A	22	24.4	26.9	BVA	SMBJ22A	70	77.8	86.0	CUM	SMBJ70A
8.5	9.44	10.4	BUC	SMBJ8.5A	24	26.7	29.5	BUJ	SMBJ24A	85	94.4	104	BUQ	SMBJ85A
10	11.1	12.3	BUD	SMBJ10A	26	28.9	31.9	BUK	SMBJ26A	100	111	123	CUQ	SMBJ100A
12	13.3	14.7	BUE	SMBJ12A	28	31.1	34.4	BUL	SMBJ28A	130	144	159	BUS	SMBJ130A
13	14.4	15.9	BUF	SMBJ13A	30	33.3	36.8	BUM	SMBJ30A	154	171	189	BUT	SMBJ154A
15	16.7	18.5	BUG	SMBJ15A	33	36.7	40.6	BUN	SMBJ33A	170	189	209	BUU	SMBJ170A
16	17.8	19.7	CUG	SMBJ16A	40	44.4	49.1	CUJ	SMBJ40A	188	209	231	BUV	SMBJ188A

600W Bidirectional

SMBJ(CA)				600W Peak Power, Bidirectional (ac), 5%					Package: SMB/DO214AA					
Voltage (V)			Marking Code	Device & anglia Order Code	Voltage (V)			Marking Code	Device & anglia Order Code	Voltage (V)			Marking Code	Device & anglia Order Code
Max. Cont.	Breakdown min.	max.			Max. Cont.	Breakdown min.	max.			Max. Cont.	Breakdown min.	max.		
5	6.4	7.07	BBZ	SMBJ5.0CA	18	20.0	22.1	BBH	SMBJ18CA	48	53.3	58.9	BBW	SMBJ48CA
6	6.67	7.37	BBA	SMBJ6.0CA	20	22.2	24.5	BBI	SMBJ20CA	58	64.4	71.2	BBO	SMBJ58CA
6.5	7.22	7.98	BBB	SMBJ6.5CA	22	24.4	26.9	CBH	SMBJ22CA	70	77.8	86.0	CBM	SMBJ70CA
8.5	9.44	10.4	BBC	SMBJ8.5CA	24	26.7	29.5	BBJ	SMBJ24CA	85	94.4	104	BBQ	SMBJ85CA
10	11.1	12.3	BBD	SMBJ10CA	26	28.9	31.9	BBK	SMBJ26CA	100	111	123	CBQ	SMBJ100CA
12	13.3	14.7	BBE	SMBJ12CA	28	31.1	34.4	BBL	SMBJ28CA	130	144	159	BBS	SMBJ130CA
13	14.4	15.9	BBF	SMBJ13CA	30	33.3	36.8	BBM	SMBJ30CA	154	171	189	BBT	SMBJ154CA
15	16.7	18.5	BBG	SMBJ15CA	33	36.7	40.6	BBN	SMBJ33CA	170	189	209	BBU	SMBJ170CA
16	17.8	19.7	CBG	SMBJ16CA	40	44.4	49.1	CBJ	SMBJ40CA	188	209	231	BBV	SMBJ188CA

Package Dimensions (mm)



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SMC/DO214AB

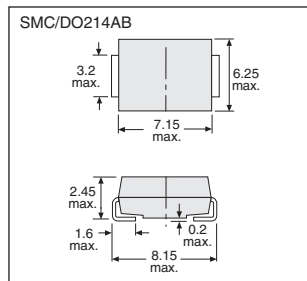
1500W Unidirectional

SMCJ(A)				1500W Peak Power, Unidirectional (dc), 5%								Package: SMC/DO214AB			
Max. Cont.	Voltage (V)		Marking Code	Device & anglia Order Code	Max. Cont.	Voltage (V)		Marking Code	Device & anglia Order Code	Max. Cont.	Voltage (V)		Marking Code	Device & anglia Order Code	
	Breakdown min.	max.				Breakdown min.	max.				Breakdown min.	max.			
5	6.4	7.07	FUA	SMCJ5.0A	20	22.2	24.5	FUM	SMCJ20A	58	64.4	71.2	FUZ	SMCJ58A	
6	6.7	7.37	FUB	SMCJ6.0A	22	24.4	26.9	FUN	SMCJ22A	60	66.7	73.7	GUA	SMCJ60A	
6.5	7.2	7.98	FUC	SMCJ6.5A	24	26.7	29.5	FUO	SMCJ24A	70	77.8	86.0	GUB	SMCJ70A	
8.5	9.4	10.4	FUD	SMCJ8.5A	26	28.9	31.9	FUP	SMCJ26A	85	94.4	104	GUE	SMCJ85A	
10	11.1	12.3	FUF	SMCJ10A	28	31.1	34.4	FUQ	SMCJ28A	100	111	123	GUG	SMCJ100A	
12	13.3	14.7	FUH	SMCJ12A	30	33.3	36.8	FUR	SMCJ30A	130	144	159	GUI	SMCJ130A	
13	14.4	15.9	FUI	SMCJ13A	33	36.7	40.6	FUS	SMCJ33A	154	171	189	GUL	SMCJ154A	
15	16.7	18.5	FUJ	SMCJ15A	40	44.4	49.1	FUU	SMCJ40A	170	189	209	GUM	SMCJ170A	
18	20.0	22.1	FUL	SMCJ18A	48	53.3	58.9	FUW	SMCJ48A	188	209	231	GUN	SMCJ188A	

1500W Bidirectional

SMCJ(CA)				1500W Peak Power, Bidirectional (ac), 5%								Package: SMC/DO214AB			
Max. Cont.	Voltage (V)		Marking Code	Device & anglia Order Code	Max. Cont.	Voltage (V)		Marking Code	Device & anglia Order Code	Max. Cont.	Voltage (V)		Marking Code	Device & anglia Order Code	
	Breakdown min.	max.				Breakdown min.	max.				Breakdown min.	max.			
5	6.4	7.07	FBA	SMCJ5.0CA	20	22.2	24.5	FBM	SMCJ20CA	58	64.4	71.2	FBZ	SMCJ58CA	
6	6.7	7.37	FBB	SMCJ6.0CA	22	24.4	26.9	FBN	SMCJ22CA	60	66.7	73.7	GBA	SMCJ60CA	
6.5	7.2	7.98	FBC	SMCJ6.5CA	24	26.7	29.5	FBO	SMCJ24CA	70	77.8	86.0	GBB	SMCJ70CA	
8.5	9.4	10.4	FBD	SMCJ8.5CA	26	28.9	31.9	FBP	SMCJ26CA	85	94.4	104	GBE	SMCJ85CA	
10	11.1	12.3	FBF	SMCJ10CA	28	31.1	34.4	FBQ	SMCJ28CA	100	111	123	GBG	SMCJ100CA	
12	13.3	14.7	FBH	SMCJ12CA	30	33.3	36.8	FBR	SMCJ30CA	130	144	159	GBL	SMCJ130CA	
13	14.4	15.9	FBI	SMCJ13CA	33	36.7	40.6	FBS	SMCJ33CA	154	171	189	GBL	SMCJ154CA	
15	16.7	18.5	FBJ	SMCJ15CA	40	44.4	49.1	FBU	SMCJ40CA	170	189	209	GBM	SMCJ170CA	
18	20.0	22.1	FBL	SMCJ18CA	48	53.3	58.9	FBW	SMCJ48CA	188	209	231	GBN	SMCJ188CA	

Package Dimensions (mm)



Through Hole TVS Diodes shown overleaf > > >