

TRISILs



F126



CB429



SMB



SMC



DIL 8

BIDIRECTIONAL TRANSIENT SUPPRESSORS

SMTPA & SMTPB SERIES

Type	I_{RM} max	@ V_{RM}	V_{BR} min	@ I_R	V_{BO} max	@ I_{BO} max	I_H min	Package
Bidirectional	(μ A)	(V)	(V)	(mA)	(V)	(mA)	(mA)	

$I_{PP} = 50$ A (10-1000 μ s expo.)

SMTPA62	2	56	62	1	82	800	150	SMB
SMTPA68	2	61	68	1	90	800	150	
SMTPA100	2	90	100	1	133	800	150	
SMTPA120	2	106	120	1	160	800	150	
SMTPA130	2	117	130	1	173	800	150	
SMTPA180	2	162	180	1	240	800	150	
SMTPA200	2	180	200	1	267	800	150	
SMTPA220	2	198	220	1	293	800	150	
SMTPA240	2	216	240	1	320	800	150	
SMTPA270	2	243	270	1	360	800	150	

$I_{PP} = 90$ A (10-1000 μ s expo.)

SMTPB62	2	56	62	1	82	800	150	SMC
SMTPB68	2	61	68	1	90	800	150	
SMTPB100	2	90	100	1	133	800	150	
SMTPB120	2	106	120	1	160	800	150	
SMTPB130	2	117	130	1	173	800	150	
SMTPB180	2	162	180	1	240	800	150	
SMTPB200	2	180	200	1	267	800	150	
SMTPB220	2	198	220	1	293	800	150	
SMTPB240	2	216	240	1	320	800	150	
SMTPB270	2	243	270	1	360	800	150	

SMP100 SERIES

Type	I_{RM} max @ V_{RM}		I_R max @ V_R		V_{BO} max @ I_{BO} (mA)			I_H min	C max	Package
	(μ A)	(V)	(mA)	(V)	(V)	min	max	(mA)	pF	

$I_{PP} = 100$ A (10-1000 μ s expo.)

▲ SMP100-65	5	55	0.05	65	80	-	-	170	200	SMB
▲ SMP100-140	5	120	0.05	140	200	-	-	170	150	
▲ SMP100-200	5	170	0.05	200	265	-	-	170	150	
▲ SMP100-270	5	230	0.05	270	350	-	-	170	150	

▲ New Products

BIDIRECTIONAL TRANSIENT SUPPRESSORS (cont'd)**SMP/SMA/SA/TPBxxS SERIES**

Type	I_{RM} max @ V_{RM}		I_R max @ V_R		V_{BO} max @ I_{BO} (mA)			I_{PP} (1)	I_H min	C max	Package
	(μ A)	(V)	(mA)	(V)	(V)	min	max	(A)	(mA)	pF	
▲ SMP100-65	5	55	0.05	65	80	-	-	100	170	200	SMB
▲ SMP100-140	5	120	0.05	140	200	-	-	100	170	150	
▲ SMP100-200	5	170	0.05	200	265	-	-	100	170	150	
▲ SMP100-270	5	230	0.05	270	350	-	-	100	170	150	
SMA100-230	10	170	1	200	265	200	-	100	260	200	SMC
SMA100-300	10	225	1	265	400	200	-	100	260	200	
<u>SA100-230</u>	10	170	1	200	265	200	-	100	260	200	BUTTON CELL
<u>SA100-300</u>	10	225	1	265	400	200	-	100	260	200	
<u>TPB200S</u>	10	170	1	200	265	-	600	100	260	200	CB429
<u>TPB245S</u>	10	210	1	245	350	-	600	100	260	200	
<u>TPB265S</u>	10	225	1	265	400	-	600	100	260	200	

▲ New Products

TPA & TPB SERIES

Type	I_{RM} max @ V_{RM}		V_{BR} min @ I_R		V_{BO} max @ I_{BO} max		I_H min	Package
Bidirectional	(μ A)	(V)	(V)	(mA)	(V)	(mA)	(mA)	

 $I_{PP} = 90$ A (10-1000 μ s expo.)

<u>TPA 62</u>	2	56	62	1	82	800	150	F126
<u>TPA 68</u>	2	61	68	1	90	800	150	
<u>TPA 100</u>	2	90	100	1	133	800	150	
<u>TPA 120</u>	2	108	120	1	160	800	150	
<u>TPA 130</u>	2	117	130	1	173	800	150	
<u>TPA 180</u>	2	162	180	1	240	800	150	
<u>TPA 200</u>	2	180	200	1	267	800	150	
<u>TPA 220</u>	2	198	220	1	293	800	150	
<u>TPA 240</u>	2	216	240	1	320	800	150	
<u>TPA 270</u>	2	243	270	1	360	800	150	
<u>TPB 62</u>	2	56	62	1	82	800	150	CB429
<u>TPB 68</u>	2	61	68	1	90	800	150	
<u>TPB 100</u>	2	90	100	1	133	800	150	
<u>TPB 120</u>	2	108	120	1	160	800	150	
<u>TPB 130</u>	2	117	130	1	173	800	150	
<u>TPB 180</u>	2	162	180	1	240	800	150	
<u>TPB 200</u>	2	180	200	1	267	800	150	
<u>TPB 220</u>	2	198	220	1	293	800	150	
<u>TPB 240</u>	2	216	240	1	320	800	150	
<u>TPB 270</u>	2	243	270	1	360	800	150	

For axial diodes use "RL" suffix for delivery in tape and reel. For SOD 15, standard packaging is in film.
 Other voltages could be available on request. Contact factory.

LSxxxxB SERIES

I_{PP} = 100A (10-1000 μs expo)

Type	I _{RM} @ V _{RM}		V _{BR} @ I _R		V _{BO} @ I _{BO}		I _H	V _T I _T =1A	Package
	max		min		max	max	min	max	
	(μA)	(V)	(V)	(mA)	(V)	(mA)	(mA)	(V)	
LS5018B	5	16	17	1	22	1300	200	3	DIL 8
LS5060B	10	50	60	1	85	1000	200	3	
LS5120B	20	100	120	1	180	1250	250	3	

Standard packaging in tube.