



SOT 223



DPAK



D²PAK

SURFACE MOUNT TRIACS

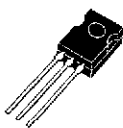
T _j max = 125 °C (except T405-xxxB: 110 °C)																	
Type	I _{T(RMS)}	T _a (1) T _I (2) T _c (3) T _{tab} (4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}				I _H	I _L	V _{TM} @ I _{TM}		(di/dt) _c @ (dv/dt) _c = 0.1 V/μs @ T _{jmax}	dv/dt @ 67% V _{DRM} @ T _j max	Package	
						I ++	II +-	III --	IV -+			max	typ	max	min		min
						(A)	(°C)	(V)	(A)								
Z0103xN Z0107xN Z0109N Z0110xN	1	70 (2)	400 → 800 (d)	8	0,2	3 5 10 25	3 5 10 25	3 5 10 25	5 7 10 25	1,5	1,1	7 10 10 25	7 10 10 25	-	10 20 50 100	SOT223	
♦ T405-400B ♦ T405-600B	4	95 (3)	400 600	30	2	5	5	5	-	1,75	5,5	10	-	1,8	5	DPAK	
♦ T410-400B ♦ T410-600B ♦ T410-700B ♦ T410-800B	4	110 (3)	400 600 700 800	30	2	10	10	10	-	1,75	5,5	15	-	2,7	30	DPAK	
♦ T435-400B ♦ T435-600B ♦ T435-700B ♦ T435-800B	4	110 (3)	400 600 700 800	30	2	35	35	35	-	1,75	5,5	35	-	4,4	250	DPAK	
♦ T835-600G	8	95 (3)	600	80	2	35	35	35	-	1,75	11	35	-	4,5	250	D ² PAK	
♦ T1235-600G	12	95 (3)	600	120	2	35	35	35	-	1,6	17	35	-	6,5	250	D ² PAK	
♦ T1635-600G	16	90 (3)	600	160	2	35	35	35	-	1,6	22,5	35	-	8,5	250	D ² PAK	
♦ T2035-600G	20	90 (3)	600	200	3	35	35	35	-	1,7	28	50	-	11	250	D ² PAK	
♦ T2535-600G	25	85 (3)	600	250	3	35	35	35	-	1,8	35	50	80	13	250	D ² PAK	

(d) D = 400V M = 600V S = 700V N = 800V

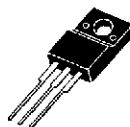
♦ New Products.



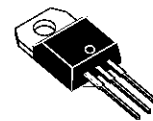
DPAK



SOT 82



ISOWATT220AB



TO220AB

LOGIC LEVEL SNUBBERLESS TRIACs

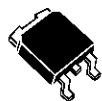
T _j max = 110 °C (except T410-xxxB/T/W/D and T405-xxxT/W/D: 125 °C)														
Type	I _{T(RMS)}	T _a (1) T _I (2) T _c (3) T _{tab} (4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}			I _H	V _{TM} @ I _{TM}		(di/dt) _c @ (dv/dt) _c = 0.1 V/μs @ T _j max	dv/dt @ 67% V _{DRM} @ T _j max	Package
						I ++	II +-	III --						
						max	max	max		max	min	min		
	(A)	(°C)	(V)	(A)	(mA)	(mA)			(mA)	(V)	(A)	(A/ms)	(V/μs)	
• T405-400B • T405-600B	4	95 (3)	400 600	30	2	5	5	5	10	1,75	5,5	2,7	5	DPAK
• T410-400B • T410-600B • T410-700B • T410-800B	4	110 (3)	400 600 700 800	30	2	10	10	10	15	1,75	5,5	1,8	30	DPAK
T405-400T T405-600T	4	110 (3)	400 600	30	2	5	5	5	10	1,75	5,5	1,8	5	TO220AB
T410-400T T410-600T T410-700T T410-800T	4	110 (3)	400 600 700 800	30	2	10	10	10	15	1,75	5,5	2,7	50	TO220AB
T405-400D T405-600D	4	110 (3)	400 600	30	2	5	5	5	10	1,75	5,5	1,8	5	SOT82
T410-400D T410-600D T410-700D T410-800D	4	110 (3)	400 600 700 800	30	2	10	10	10	15	1,75	5,5	2,7	50	SOT82
T405-400W T405-600W	4	110 (3)	400 600	30	2	5	5	5	10	1,75	5,5	1,8	5	ISOWATT (2)
T410-400W T410-600W T410-700W T410-800W	4	110 (3)	400 600 700 800	30	2	10	10	10	15	1,75	5,5	2,7	50	ISOWATT (2)
BTA/B06-400TW BTA/B06-600TW BTA/B06-700TW	6	BTB @ 90 (3) BTA @ 80 (3)	400 600 700	60	1	5	5	5	15	1,75	8,5	2,7	20	TO220AB (1)
BTA/B06-400SW BTA/B06-600SW BTA/B06-700SW	6	BTB @ 90 (3) BTA @ 80 (3)	400 600 700	60	1	10	10	10	25	1,75	8,5	3,5	50	TO220AB (1)

LOGIC LEVEL SNUBBERLESS TRIACs (cont'd)

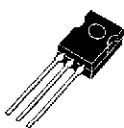
T _j max = 110 °C														
Type	I _{T(RMS)}	Ta (1) Tl (2) Tc (3) Ttab(4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}			I _H	V _{TM} @ I _{TM}		(di/dt) _c @ (dv/dt) _c = 0.1 V/μs @ T _j max	dv/dt @ 67% V _{DRM} @ T _j max	Package
						I ++	II +-	III --						
						max	max			max	max		min	
	(A)	(°C)	(V)	(A)	(mA)	(mA)			(mA)	(V)	(A)	(A/ms)	(V/μs)	
BTA/B08-400TW BTA/B08-600TW BTA/B08-700TW	8	BTB @ 80 (3) BTA @ 75 (3)	400 600 700	80	1	5	5	5	15	1,75	11	3,5	20	TO220AB (1)
BTA/B08-400SW BTA/B08-600SW BTA/B08-700SW	8	BTB @ 80 (3) BTA @ 75 (3)	400 600 700	80	1	10	10	10	25	1,75	11	4,5	50	TO220AB (1)
BTA/B12-400SW BTA/B12-600SW BTA/B12-700SW	12	BTB @ 75 (3) BTA @ 70 (3)	400 600 700	120	1	10	10	10	25	1,75	17	5,3	50	TO220AB (1)

(1) BTA series: 2500 V_{RMS} isolation voltage - UL Recognized file # E81734(2) 1500 V_{RMS} isolation

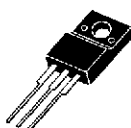
♦ New Products.



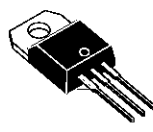
DPAK

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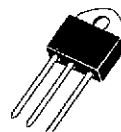
SOT 82



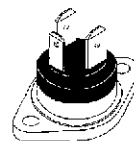
ISOWATT220AB



TO220AB



TOP 3



RD107

SNUBBERLESS TRIACs

T _j max = 125 °C (except T435-xxxTW/D: 110 °C)														
Type	I _{T(RMS)}	T _a (1) T _I (2) T _c (3) T _{tab} (4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}			I _H	V _{TM} @ I _{TM}		(di/dt) _c @ (dv/dt) _c = 0.1 V/μs @ T _j max	dv/dt @ 67% V _{DRM} @ T _j max	Package
						I ++	II +-	III --		min (A/ms)	min (V/μs)			
						max (mA)						max (mA)	max (V)	
(A)	(°C)	(V)	(A)	(mA)	(mA)	(mA)	(V)	(A)	(A/ms)	(V/μs)				
♦ T435-400B ♦ T435-600B	4	110 (3)	400 600	30	2	35	35	35	35	1,75	5,5	2,7	250	DPAK
T435-400T T435-600T	4	110 (3)	400 600	30	2	35	35	35	35	1,75	5,5	5,3	250	TO220AB
T435-400D T435-600D	4	110 (3)	400 600	30	2	35	35	35	35	1,75	5,5	5,3	250	SOT82
T435-400W T435-600W	4	110 (3)	400 600	30	2	35	35	35	35	1,75	5,5	5,3	250	ISOWATT (2)
BTA/B06-400BW BTA/B06-600BW BTA/B06-700BW BTA/B06-800BW	6	BTB @ 105 (3) BTA @ 700 100 (3)	400 600 700 800	60	2	50	50	50	50	1,75	8,5	5	500	TO220AB (1)
BTA/B06-400CW BTA/B06-600CW BTA/B06-700CW BTA/B06-800CW	6	BTB @ 105 (3) BTA @ 700 100 (3)	400 600 700 800	60	2	50	50	50	50	1,75	8,5	3,5	250	TO220AB (1)
T620-400W T620-600W T620-700W	6	110 (3)	400 600 700	75	2	20	20	20	35	1,5	8,5	3,3	200	ISOWATT (2)
T630-400W T630-600W T630-700W	6	110 (3)	400 600 700	75	2	30	30	30	50	1,5	8,5	3,3	300	ISOWATT (2)
BTA/B08-400BW BTA/B08-600BW BTA/B08-700BW BTA/B08-800BW	8	BTB @ 95 (3) BTA @ 700 90 (3)	400 600 700 800	80	2	50	50	50	50	1,75	11	7	500	TO220AB (1)
BTA/B08-400CW BTA/B08-600CW BTA/B08-700CW BTA/B08-800CW	8	BTB @ 95 (3) BTA @ 700 90 (3)	400 600 700 800	80	2	35	35	35	35	1,75	11	4,5	250	TO220AB (1)

SNUBBERLESS TRIACs (cont'd)

T _j max = 125 °C (except T435-xxxT/W/D: 110 °C)															
Type	I _{T(RMS)}	T _a (1) T _I (2) T _c (3) T _{tab} (4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}			I _H	V _{TM} @ I _{TM}		(di/dt) _c @ (dv/dt) _c = 0.1 V/μs @ T _j max	dv/dt @ 67% V _{DRM} @ T _j max	Package	
						I ++	II +-	III --							
							max	max		max	max	min	min		
	(A)	(°C)	(V)	(A)	(mA)	(mA)			(mA)	(V)	(A)	(A/ms)	(V/μs)		
T820-400W T820-600W T820-700W	8	95 (3)	400 600 700	100	2	20	20	20	35	1,5	11	4,5	200	ISOWATT (2)	
T830-400W T830-600W T830-700W	8	95 (3)	400 600 700	100	2	30	30	30	50	1,5	11	4,5	300	ISOWATT (2)	
♦ T835-600G	8	95 (3)	600	80	2	35	35	35	35	1,75	11	4,5	250	D ² PAK	
TXDV408 TXDV608 TXDV808	8	90 (3)	400 600 800	80	2	100	100	100	100	1,8	11	500	TO220AB Isolated		
BTA/B10-400BW BTA/B10-600BW BTA/B10-700BW BTA/B10-800BW	10	BTB @ 100 (3) BTA @ 90 (3)	400 600 700 800	100	2	50	50	50	50	1,65	14	9	500	TO220AB (1)	
BTA/B10-400CW BTA/B10-600CW BTA/B10-700CW BTA/B10-800CW	10	BTB @ 100 (3) BTA @ 90 (3)	400 600 700 800	100	2	35	35	35	35	1,65	14	5,5	250	TO220AB (1)	
T1020-400W T1020-600W T1020-700W	10	90 (3)	600 700 800	125	2	20	20	20	35	1,5	14	5,3	200	ISOWATT (2)	
T1030-400W T1030-600W T1030-700W	10	90 (3)	600 700 800	125	2	30	30	30	50	1,5	14	5,3	300	ISOWATT (2)	
BTA/B12-400BW BTA/B12-600BW BTA/B12-700BW	12	BTB @ 95 (3) BTA @ 85 (3)	400 600 700 800	120	2	50	50	50	50	1,6	17	12	500	TO220AB (1)	
BTA/B12-400CW BTA/B12-600CW BTA/B12-700CW BTA/B12-800CW	12	BTB @ 95 (3) BTA @ 85 (3)	400 600 700 800	120	2	35	35	35	35	1,6	17	6,5	250	TO220AB (1)	
T1220-400W T1220-600W T1220-700W	12	85 (3)	600 700 800	155	2	20	20	20	35	1,5	17	6,3	200	ISOWATT (2)	
T1230-400W T1230-600W T1230-700W	12	85 (3)	600 700 800	155	2	30	30	30	50	1,5	17	6,3	300	ISOWATT (2)	
♦ T1235-600G	12	95 (3)	600	120	2	35	35	35	35	1,6	17	6,5	250	D ² PAK	

SNUBBERLESS TRIACs (cont'd)

T _j max = 125 °C														
Type	I _{T(RMS)}	T _a (1) T _I (2) T _c (3) T _{tab} (4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}			I _H	V _{TM} @ I _{TM}		(di/dt) _c @ (dv/dt) _c = 0.1 V/μs @ T _j max	dv/dt @ 67% V _{DRM} @ T _j max	Package
						I ++	II +-	III --						
						max (mA)				max (mA)	max (mA)	max (V)	(A)	
(A)	(°C)	(V)	(A)	(mA)	(mA)			(mA)	(V)	(A)	(A/ms)	(V/μs)		
TXDV412 TXDV612 TXDV812	12	90 (3)	400 600 800	120	2	100	100	100	100	1,95	17		500	TO220AB Isolated
BTA/B16-400BW BTA/B16-600BW BTA/B16-700BW BTA/B16-800BW	16	BTB @ 90 (3) BTA @ 80 (3)	400 600 700 800	160	2	50	50	50	50	1,6	22,5	14	500	TO220AB (1)
BTA/B16-400CW BTA/B16-600CW BTA/B16-700CW BTA/B16-800CW	16	BTB @ 90 (3) BTA @ 80 (3)	400 600 700 800	160	2	35	35	35	35	1,6	22,5	8,5	250	TO220AB (1)
T1620-400W T1620-600W T1620-700W	16	75 (3)	600 700 800	190	2	20	20	20	35	1,5	22,5	9	200	ISOWATT (2)
T1630-400W T1630-600W T1630-700W	16	75 (3)	600 700 800	190	2	30	30	30	50	1,5	22,5	9	300	ISOWATT (2)
• T1635-600G	16	90 (3)	600	160	2	35	35	35	35	1,6	22,5	8,5	250	D ² PAK
BTA/B20-400BW BTA/B20-600BW BTA/B20-700BW BTA/B20-800BW	20	BTB @ 90 (3) BTA @ 70 (3)	400 600 700 800	200	2	50	50	50	75	1,7	28	22	500	TO220AB (1)
BTA/B20-400CW BTA/B20-600CW BTA/B20-700CW BTA/B20-800CW	20	BTB @ 90 (3) BTA @ 70 (3)	400 600 700 800	200	2	35	35	35	50	1,7	28	11	250	TO220AB (1)
• T2035-600G	20	90 (3)	600	200	3	35	35	35	50	1,7	28	11	250	D ² PAK
BTA/B24-400BW BTA/B24-600BW BTA/B24-700BW BTA/B24-800BW	25	BTB @ 85 (3) BTA @ 85 (3)	400 600 700 800	250	3	50	50	50	75	1,8	35	22	500	TO220AB (1)
BTA/B24-400CW BTA/B24-600CW BTA/B24-700CW BTA/B24-800CW	25	BTB @ 85 (3) BTA @ 85 (3)	400 600 700 800	250	3	35	35	35	50	1,8	35	13	250	TO220AB (1)
BTA26-400BW BTA26-600BW BTA26-700BW BTA26-800BW	25	85 (3)	400 600 700 800	250	3	50	50	50	75	1,8	35	26	500	TOP3 Isolated

SNUBBERLESS TRIACs (cont'd)

T _j max = 125 °C														
Type	I _{T(RMS)}	T _a (1) T _I (2) T _c (3) T _{tab} (4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}			I _H	V _{TM} @ I _{TM}		(di/dt) _c @ (dv/dt) _c = 0.1 V/μs @ T _j max	dv/dt @ 67% V _{DRM} @ T _j max	Package
						I ++	II +-	III --						
						max (mA)				max (mA)	max (mA)	max (V)	(A)	
(A)	(°C)	(V)	(A)	(mA)	(mA)	(mA)	(V)	(A)	(A/ms)	(V/μs)				
BTA26-400CW BTA26-600CW BTA26-700CW BTA26-800CW	25	85 (3)	400 600 700 800	250	3	35	35	35	50	1,8	35	13	250	TOP3 Isolated (1)
♦ T2535-600G	25	85 (3)	600	250	3	35	35	35	50	1,8	35	13	250	D ² PAK
T2516xKS T2414xKS	25	85 (3)	400 800 (d)	250	3	35 50	35 50	35 50	35 50	1,5	35	12 22	500 750	RD107 (1)
TPDV625 TPDV825 TPDV1025 TPDV1225	25	85 (3)	600 800 1000 1200	230	8	15 0	150	150	50	1,8	35		500	TOP3 Isolated
TODV625 TODV825 TODV1025 TODV1225	25	80 (3)	600 800 1000 1200	230	8	15 0	150	150	50	1,8	35		500	RD91 (1)
T4016xKS	40	75 (3)	400 800 (d)	300	3	50	50	50	50	1,7	35	22	750	RD107 (1)
TODV640 TODV840 TODV1040 TODV1240	40	75 (3)	600 800 1000 1200	350	8	20 0	200	200	50	1,8	60		500	RD91 (1)
TPDV640 TPDV840 TPDV1040 TPDV1240	40	75 (3)	600 800 1000 1200	350	8	20 0	200	200	50	1,8	60		500	TOP3 Isolated (1)

(d) D = 400V M = 600V S = 700V N = 800V

(1) BTA series: 2500 V_{RMS} isolation voltage - UL Recognized file # E81734(2) 1500 V_{RMS} isolation

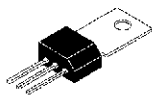
♦ New Products.



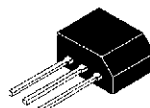
SOT 223



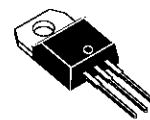
TO 92



TO202-1



TO202-2



TO220AB

LOGIC LEVEL TRIACs

T _j max = 125 °C (except BTA/B04/06/08-xxx)																	
Type	I _{T(RMS)}	T _a (1) T _I (2) T _c (3) T _{tab} (4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}				I _H	I _L	V _{TM} @ I _{TM}		dv/dt @ 67% V _{DRM} @ T _j max	Package		
						I ++	II +-	III --	IV -+			max	typ	max		(A)	min (V/μs)
						max (mA)											
	(A)	(°C)	(V)	(A)	max (mA)	max (mA)				max (mA)	typ (mA)	max (V)	(A)	(V/μs)			
Z0103xA Z0107xA Z0109xA	0,8	70 (2)	400 → 800 (d)	8	0,2	3 5 10	3 5 10	3 5 10	5 7 10	7 10 10	7 10 10	1,5	1,1	10 20 50	TO92		
Z0103xN Z0107xN Z0109xN	1	70 (2)	400 → 800 (d)	8	0,2	3 5 10	3 5 10	3 5 10	5 7 10	7 10 10	7 10 10	1,5	1,1	10 20 50	SOT223		
Z0402xE Z0405xE Z0409xE	4	75 (3)	400 → 800 (d)	20	0,2	3 5 10	3 5 10	3 5 10	3 5 10	3 5 10	3 5 10	2	5,5	10 20 100	TO202-1		
Z0402xF Z0405xF Z0409xF	4	75 (3)	400 → 800 (d)	20	0,2	3 5 10	3 5 10	3 5 10	3 5 10	3 5 10	3 5 10	2	5,5	10 20 100	TO202-2		
BTA/B04-400T BTA/B04-600T BTA/B04-700T	4	BTB @ 95 (3) BTA @ 90 (3)	400 600 700	40	0,75	5	5	5	5	15	10	1,65	5,5	10	TO202 (1)		
BTA/B04-400D BTA/B04-600D BTA/B04-700D	4	BTB @ 95 (3) BTA @ 90 (3)	400 600 700	40	0,75	5	5	5	10	15	10	1,65	5,5	10	TO220AB (1)		
BTA/B04-400S BTA/B04-600S BTA/B04-700S	4	BTB @ 95 (3) BTA @ 90 (3)	400 600 700	40	0,75	10	10	10	10	25	20	1,65	5,5	10	TO220AB (1)		
BTA/B04-400A BTA/B04-600A BTA/B04-700A	4	BTB @ 95 (3) BTA @ 90 (3)	400 600 700	40	0,75	10	10	10	25	25	20	1,65	5,5	10	TO220AB (1)		
T0505xH T0509xH	5	100 (3)	400 → 800 (d)	40	1,5	5 10	5 10	5 10	5 10	5 10	5 10	1,65	7,1	10 20	TO220AB		
T0605xH T0609xH	6	100 (3)	400 → 800 (d)	60	2	5 10	5 10	5 10	5 10	5 10	5 10	1,65	8,5	10 20	TO220AB		

LOGIC LEVEL TRIACs (cont'd)

T _j max = 125 °C (except BTA/B04/06/08-xxx)																	
Type	I _{T(RMS)} (A)	T _a (1) T _I (2) T _c (3) T _{tab} (4) (°C)	V _{RRM} V _{DRM} (V)	I _{TSM} (A)	I _{DRM} @ V _{DRM} max (mA)	I _{GT}				I _H max (mA)	I _L typ (mA)	V _{TM} @ I _{TM}		dv/dt @ 67% V _{DRM} @ T _j max min (V/μs)	Package		
						I ++	II +-	III --	IV -+			max (V)	(A)				
						max (mA)											
BTA/B06-400T BTA/B06-600T BTA/B06-700T	6	BTB @ 90 (3) BTA @ 85 (3)	400 600 700	60	0,75	5	5	5	5	15	10	1,65	8,5	10	TO220AB (1)		
BTA/B06-400D BTA/B06-600D BTA/B06-700D	6	BTB @ 90 (3) BTA @ 85 (3)	400 600 700	60	0,75	5	5	5	10	15	10	1,65	8,5	10	TO220AB (1)		
BTA/B06-400S BTA/B06-600S BTA/B06-700S	6	BTB @ 90 (3) BTA @ 85 (3)	400 600 700	60	0,75	10	10	10	10	25	20	1,65	8,5	10	TO220AB (1)		
BTA/B06-400A BTA/B06-600A BTA/B06-700A	6	BTB @ 90 (3) BTA @ 85 (3)	400 600 700	60	0,75	10	10	10	25	25	20	1,65	8,5	10	TO220AB (1)		
BTA/B08-400S BTA/B08-600S BTA/B08-700S	8	BTB @ 80 (3) BTA @ 75 (3)	400 600 700	80	0,75	10	10	10	10	25	20	1,75	11	10	TO220AB (1)		
BTA/B08-400A BTA/B08-600A BTA/B08-700A	8	BTB @ 80 (3) BTA @ 75 (3)	400 600 700	80	0,75	10	10	10	25	25	20	1,75	11	10	TO220AB (1)		
<u>T0805xH</u> <u>T0809xH</u>	8	95 (3)	400 → 800 (d)	70	2	5 10	5 10	5 10	5 10	5 10	5 10	1,65	11	10 20	TO220AB (1)		

(d) D = 400V M = 600V S = 700V N = 800V

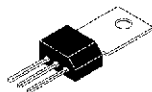
(1) BTA series: 2500 V_{RMS} isolation voltage - UL Recognized file # E81734



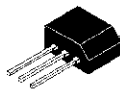
SOT223



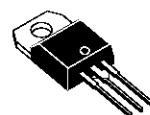
TO92



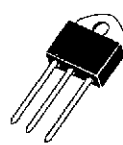
TO202-1



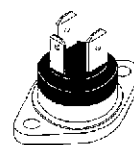
TO202-2



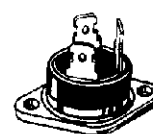
TO220AB



TOP3



RD107



RD91

STANDARD TRIACs

T _J max = 125 °C															
Type	I _{T(RMS)}	Ta (1) Tl (2) Tc (3) Ttab(4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}				I _H	V _{TM} @ I _{TM}		(dv/dt) _c @ T _J max	dv/dt @ 67% V _{DRM} @ T _J max	Package
						I ++	II +-	III --	IV -+						
						max	max	max	max		max	max	min	min	
	(A)	(°C)	(V)	(A)	(mA)	(mA)				(mA)	(V)	(A)	(V/μs)	(V/μs)	
Z0110xN	1	70 (2)	400 → 800 (d)	8	0,2	25	25	25	25	25	1,5	1,1	5	100	SOT223
Z0110xA	1	70 (2)	400 → 800 (d)	8	0,2	25	25	25	25	25	1,5	1,1	5	100	TO92
Z0410xE	4	75 (3)	400 → 800 (d)	20	0,2	25	25	25	25	25	2	5,5	5	200	TO202-1
Z0410xF	4	75 (3)	400 → 800 (d)	20	0,2	25	25	25	25	25	2	5,5	5	200	TO202-2
T0510xH T0512xH	5	100 (3)	400 → 800 (d)	40	1,5	25 50	25 50	25 50	25 50	25 50	1,65	7,1	2 5	100 200	TO220AB
T0610xH T0612xH	6	100 (3)	400 → 800 (d)	60	2	25 50	25 50	25 50	25 50	25 50	1,65	8,5	2 5	100 500	TO220AB
BTA06-400GP BTA06-600GP	6	105 (3)	400 600	100	0,5	50	50	50	75	13	1,4	8,5	10	30	TO220AB (1)
BTA/B06-400B BTA/B06-600B BTA/B06-700B BTA/B06-800B	6	BTB @ 105 (3) BTA @ 100 (3)	400 600 700 800	60	0,5	50	50	50	100	50	1,65	8,5	10	250	TO220AB (1)
BTA/B06-400C BTA/B06-600C BTA/B06-700C BTA/B06-800C	6	BTB @ 105 (3) BTA @ 100 (3)	400 600 700 800	60	0,5	25	25	25	50	25	1,65	8,5	5	100	TO220AB (1)
BTA/B08-400B BTA/B08-600B BTA/B08-700B BTA/B08-800B	8	BTB @ 95 (3) BTA @ 90 (3)	400 600 700 800	80	0,5	50	50	50	100	50	1,75	11	10	250	TO220AB (1)
BTA/B08-400C BTA/B08-600C BTA/B08-700C BTA/B08-800C	8	BTB @ 95 (3) BTA @ 90 (3)	400 600 700 800	80	0,5	25	25	25	50	25	1,75	11	5	100	TO220AB (1)

STANDARD TRIACs (cont'd)

T _j max = 125 °C																	
Type	I _{T(RMS)}	T _a (1) T _I (2) T _c (3) T _{tab} (4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}				I _H	V _{TM} @ I _{TM}		(dv/dt) _c @ T _j max	dv/dt @ 67% V _{DRM} @ T _j max	Package		
						I ++	II +-	III --	IV -+							min	min
						max					max	max					
	(A)	(°C)	(V)	(A)	(mA)	(mA)				(mA)	(V)	(A)	(V/μs)	(V/μs)			
T0810xH T0812xH	8	95 (3)	400 → 800 (d)	70	2	25 50	25 50	25 50	25 50	25 50	1,65	11	2 5	200 500	TO220AB		
T1010xH T1012xH T1013xH	10	95 (3)	400 → 800 (d)	100	2	25 50 50	25 50 50	25 50 50	25 50 75	25 50 75	1,5	14	2 5 10	200 500 600	TO220AB		
BTA10-400GP BTA10-600GP	10	90 (3)	400 600	120	0,5	50	50	50	75	13	1,5	14	10	30	TO220AB (1)		
BTA/B10-400B BTA/B10-600B BTA/B10-700B BTA/B10-800B	10	BTB @ 95 (3) BTA @ 90(3)	400 600 700 800	100	0,5	50	50	50	100	50	1,5	14	10	250	TO220AB (1)		
BTA/B10-400C BTA/B10-600C BTA/B10-700C BTA/B10-800C	10	BTB @ 95 (3) BTA @ 90(3)	400 600 700 800	100	0,5	25	25	25	50	25	1,5	14	5	100	TO220AB (1)		
BTA/B12-400B BTA/B12-600B BTA/B12-700B BTA/B12-800B	12	BTB @ 95 (3) BTA @ 90(3)	400 600 700 800	120	0,5	50	50	50	100	50	1,5	17	10	250	TO220AB (1)		
BTA/B12-400C BTA/B12-600C BTA/B12-700C BTA/B12-800C	12	BTB @ 95 (3) BTA @ 90(3)	400 600 700 800	120	0,5	25	25	25	50	25	1,5	17	5	100	TO220AB (1)		
T1210xH T1212xH T1213xH	12	90 (3)	400 → 800 (d)	110	2	25 50 50	25 50 50	25 50 50	25 50 75	25 50 75	1,5	17	2 5 10	200	TO220AB		
T1612xH T1613xH	16	90 (3)	400 → 800 (d)	150	2,5	50	50	50	50 75	50 75	1,5	22,5	5 10	500	TO220AB		
BTA/B16-400B BTA/B16-600B BTA/B16-700B BTA/B16-800B	16	90 (3)	400 600 700 800	160	2	50	50	50	100	50	1,6	22,5	10	250	TO220AB (1)		
T2512xH T2513xH	25	80 (3)	400 → 800 (d)	250	3	50	50	50	50 75	50 75	1,5	35	5 10	500	TO220AB		
BTB24-400B BTB24-600B BTB24-700B BTB24-800B	25	80 (3)	400 600 700 800	200	2	50	50	50	100	50	1,8	35	10	250	TO220AB		

STANDARD TRIACs (cont'd)

T _j max = 125 °C															
Type	I _T (RMS)	T _a (1) T _I (2) T _c (3) T _{tab} (4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}				I _H	V _{TM} @ I _{TM}		(dv/dt) _c @ T _j max	dv/dt @ 67% V _{DRM} @ T _j max	Package
						I ++	II +-	III --	IV -+				min	min	
						max					max	max	max	max	
(A)	(°C)	(V)	(A)	(mA)	(mA)				(mA)	(V)	(A)	(V/μs)	(V/μs)		
BTA26-400B BTA26-600B BTA26-700B BTA26-800B	25	90 (3)	400 600 700 800	250	6	50	50	50	100	80	1,7	35	10	250	TOP3 (1)
BTA26-400A BTA26-600A BTA26-700A BTA26-800A	25	90 (3)	400 600 700 800	250	6	100	100	100	150	100	1,7	35	10	250	TOP3 (1)
BTB26-400B BTB26-600B BTB26-700B BTB26-800B	30	90 (3)	400 600 700 800	250	6	50	50	50	100	80	1,7	35	10	250	TOP3
BTA25-400B BTA25-600B BTA25-700B BTA25-800B	30	80 (3)	400 600 700 800	250	6	50	50	50	100	80	1,8	42	10	250	RD91 (1)
BTA25-400A BTA25-600A BTA25-700A BTA25-800A	30	80 (3)	400 600 700 800	250	6	100	100	100	150	100	1,8	42	10	250	RD91 (1)
T2512xKS T2513xKS	25	85 (3)	400 → 800 (d)	250	3	50	50	50	50 75	50 75	1,5	35	5 10	500	RD107 (1)
T4012xKS T4013xKS	40	75 (3)	400 → 800 (d)	300	3	50	50	50	50 75	50 75	1,7	56	5 10	500	RD107 (1)
BTA40-400B BTA40-600B BTA40-700B BTA40-800B	40	75 (3)	400 600 700 800	300	6	50	50	50	100	80	1,8	60	10	250	RD91 (1)
BTA40-400A BTA40-600A BTA40-700A BTA40-800A	40	75 (3)	400 600 700 800	300	6	100	100	100	150	100	1,8	60	10	250	RD91 (1)
BTA41-400B BTA41-600B BTA41-700B BTA41-800B	40	75 (3)	400 600 700 800	300	6	50	50	50	100	80	1,8	60	10	250	TOP3 (1)
BTA41-400A BTA41-600A BTA41-700A BTA41-800A	40	75 (3)	400 600 700 800	300	6	100	100	100	150	100	1,8	60	10	250	TOP3 (1)

TRIAC



STANDARD TRIACs (cont'd)

T _j max = 125 °C																
Type	I _{T(RMS)}	Ta (1) TI (2) Tc (3) Ttab(4)	V _{RRM} V _{DRM}	I _{TSM}	I _{DRM} @ V _{DRM}	I _{GT}				I _H	V _{TM} @ I _{TM}		(dv/dt) _c @ T _j max	dv/dt @ 67% V _{DRM} @ T _j max	Package	
						I ++	II +-	III --	IV -+							
						max	max				max	max	min	min		
	(A)	(°C)	(V)	(A)	(mA)	(mA)				(mA)	(V)	(A)	(V/μs)	(V/μs)		
BTB41-400B BTB41-600B BTB41-700B BTB41-800B	45	85 (3)	400 600 700 800	300	6	50	50	50	100	80	1,8 60	10	250	TOP3		

(d) D = 400V M = 600V S = 700V N = 800V
(1) BTA series: 2500 V_{RMS} isolation voltage - UL Recognized file # E81734