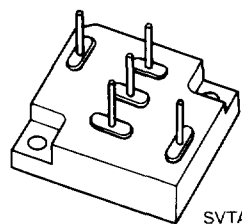
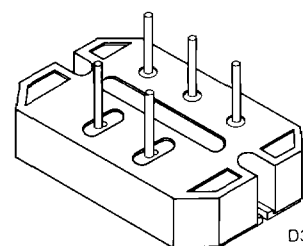


SVT



SVTA



D30VTA

3 Phase Bridge Diode Modules

Type No.	Absolute Maximum Ratings						Electrical Characteristics				Remarks	Outline	
	V _{RM} [V]	I _O [A]	Conditions	I _{FSM} [A]	T _{stg} [°C]	T _j [°C]	V _F (max)	Conditions	I _R (max) V _R =V _{RM} [μA]	θ _{jc} (max)		Package	Fig.
			T _c [°C]				I _F [A]	[°C/W]					
S10VT60	600	10	137	170	-40~150	150	1.05	3.5	10	0.65	—	SVT	46
50	800		150										
S10VTA60	600	10	137	170	-40~150	150	1.05	3.5	10	0.65	—	SVTA	47
50	800		150										
S15VT60	600	15	132	200	-40~150	150	1.05	5	10	0.6	—	SVT	46
50	800												
S15VTA60	600	15	132	200	-40~150	150	1.05	5	10	0.6	—	SVTA	47
50	800												
S20VT60	600	20	128	300	-40~150	150	1.05	7	10	0.55	—	SVT	46
50	800												
S20VTA60	600	20	128	300	-40~150	150	1.05	7	10	0.55	—	SVTA	47
50	800												
S30VT60	600	30	121	400	-40~150	150	1.05	10	10	0.5	—	SVT	46
50	800												
S30VTA60	600	30	121	400	-40~150	150	1.05	10	10	0.5	—	SVTA	47
50	800			100									
S30VTA150	1600		116	350	-40~150	150	1.05	10	100	0.7	—	D30VTA	50
D30VTA150	1600	30	105	350									

Twin Diode Modules

Type No.	Absolute Maximum Ratings						Electrical Characteristics							Remarks	Outline	
	V _{RM} [V]	I _o [A]	Conditions T _c [°C]	I _{FSM} [A]	T _{stg} [°C]	T _j [°C]	V _F (max) [V]	Conditions I _F [A]	I _R (max) V _R =V _{RM} [μA]	V _Z (min) [V]	θ _{Jl} (max) [°C/W]	θ _{ja} (max) [°C/W]	θ _{jc} (max) [°C/W]		Package	Fig.
D15VD40	400	15	94	400	-40~150	150	1.05	15	10	—	—	—	3.5	*2	D15VD	44
D30VC60	600	30	124	300	-40~150	150	1.05	15	10	—	—	—	0.9	*1	D30VC	45

*1: Center-tap



*2: Doubler type

