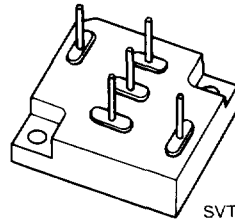
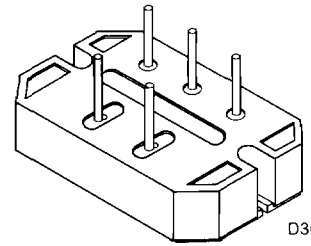


SVT



SVTA



D30VTA

3 Phase Bridge Diode Modules

Type No.	Absolute Maximum Ratings						Electrical Characteristics					Remarks	Outline	
	VRM [V]	Io [A]	Conditions Tc [°C]	IFSM [A]	Tstg [°C]	Tj [°C]	VF (max) [V]	Conditions IF [A]	IR (max) VR=VRM [μA]	θjc (max) [°C/W]	Package		Fig.	
D30VTA60	600	10	137	170	-40~150	150	1.05	3.5	10	0.65	—	SVT	46	
	800			150										
D30VTA80	600	10	137	170	-40~150	150	1.05	3.5	10	0.65	—	SVTA	47	
	800			150										
D30VTA90	600	15	132	200	-40~150	150	1.05	5	10	0.6	—	SVT	46	
	800			200										
D30VTA100	600	15	132	200	-40~150	150	1.05	5	10	0.6	—	SVTA	47	
	800			200										
D30VTA120	600	20	128	300	-40~150	150	1.05	7	10	0.55	—	SVT	46	
	800			300										
D30VTA150	600	20	128	300	-40~150	150	1.05	7	10	0.55	—	SVTA	47	
	800			300										
D30VTA180	600	30	121	400	-40~150	150	1.05	10	10	0.5	—	SVT	46	
	800			400										
D30VTA200	600	30	121	400	-40~150	150	1.05	10	10	0.5	—	SVTA	47	
	800			400										
D30VTA150	1600	30	105	350	-40~150	150	1.05	10	100	0.7	—	D30VTA	50	
	1600			350										

Twin Diode Modules

Type No.	Absolute Maximum Ratings						Electrical Characteristics							Remarks	Outline	
	VRM [V]	Io [A]	Conditions Tc [°C]	IFSM [A]	Tstg [°C]	Tj [°C]	VF (max) [V]	Conditions IF [A]	IR (max) VR=VRM [μA]	Vz (min) [V]	θj (max) [°C/W]	θja (max) [°C/W]	θjc (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

