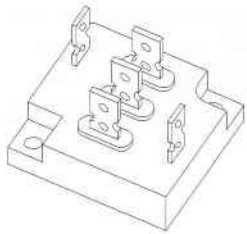
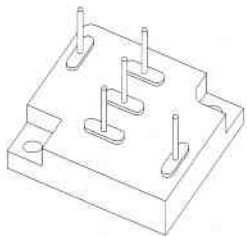


### 3 Phase Bridge Diode Modules



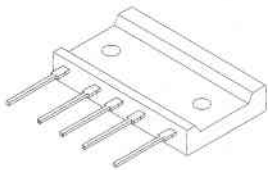
SVT



SVTA

Type No.	Absolute Maximum Ratings						Electrical Characteristics					Outline	
	$I_o$ [A]	Conditions $T_c$ [°C]	IFSM [A]	VRM [V]	Tstg [°C]	Tj [°C]	V <sub>F</sub> (max) [V]	Conditions I <sub>F</sub> [A]	I <sub>R</sub> (max) V <sub>R</sub> =V <sub>RM</sub> [μA]	θ <sub>jc</sub> (max) [°C/W]	Package	Fig.	
S10VT60	10	137	170	600	-40 to 150	150	1.05	3.5	10	0.65	SVT	74	
S10VTA60		137	170	600	-40 to 150	150	1.05	3.5	10	0.65	SVTA	73	
S10VT80		137	150	800	-40 to 150	150	1.05	3.5	10	0.65	SVT	74	
S10VTA80		137	150	800	-40 to 150	150	1.05	3.5	10	0.65	SVTA	73	
S15VT60	15	132	200	600	-40 to 150	150	1.05	5	10	0.6	SVT	74	
S15VTA60		132	200	600	-40 to 150	150	1.05	5	10	0.6	SVTA	73	
S15VT80		132	200	800	-40 to 150	150	1.05	5	10	0.6	SVT	74	
S15VTA80		132	200	800	-40 to 150	150	1.05	5	10	0.6	SVTA	73	
S20VT60	20	128	300	600	-40 to 150	150	1.05	7	10	0.55	SVT	74	
S20VTA60		128	300	600	-40 to 150	150	1.05	7	10	0.55	SVTA	73	
S20VT80		128	300	800	-40 to 150	150	1.05	7	10	0.55	SVT	74	
S20VTA80		128	300	800	-40 to 150	150	1.05	7	10	0.55	SVTA	73	
S30VT60	30	121	400	600	-40 to 150	150	1.05	10	10	0.5	SVT	74	
S30VTA60		121	400	600	-40 to 150	150	1.05	10	10	0.5	SVTA	73	
S30VT80		121	400	800	-40 to 150	150	1.05	10	10	0.5	SVT	74	
S30VTA80		121	400	800	-40 to 150	150	1.05	10	10	0.5	SVTA	73	
S30VTA160		116	350	1600	-40 to 150	150	1.05	10	100	0.5	SVTA	73	

### 3 Phase SIP Bridge Diode



TSB (5PIN)

Type No.	Absolute Maximum Ratings						Electrical Characteristics						Remarks	Outline	
	$I_o$ [A]	Conditions $T_c$ [°C]	IFSM [A]	VRM [V]	Tstg [°C]	Tj [°C]	V <sub>F</sub> (max) [V]	Conditions I <sub>F</sub> [A]	I <sub>R</sub> (max) V <sub>R</sub> =V <sub>RM</sub> [μA]	θ <sub>jl</sub> (max) [°C/W]	θ <sub>ja</sub> (max) [°C/W]	θ <sub>jc</sub> (max) [°C/W]		Package	Fig.
☆D30XT80	30	117	300	800	-40 to 150	150	1.05	10	10	—	16	0.5	UL <sup>®</sup>	TSB	60
☆D45XT80	45	101	400	800	-40 to 150	150	1.05	15	10	—	16	0.5	UL <sup>®</sup>	(5PIN)	60

☆: New product

UL<sup>®</sup>: UL recognized (UL File No. E142422)

### Twin Diode Modules

Type No.	Absolute Maximum Ratings						Electrical Characteristics					Remarks	Outline		
	$I_o$ [A]	Conditions $T_c$ [°C]	IFSM [A]	VRM [V]	Tstg [°C]	Tj [°C]	V <sub>F</sub> (max) [V]	Conditions I <sub>F</sub> [A]	I <sub>R</sub> (max) V <sub>R</sub> =V <sub>RM</sub> [μA]	θ <sub>jl</sub> (max) [°C/W]	θ <sub>ja</sub> (max) [°C/W]		θ <sub>jc</sub> (max) [°C/W]	Package	Fig.
D30VC60	30	124	300	600	-40 to 150	150	1.05	15	10	—	—	0.9	*	D30VC	76

\*: Center-tap

