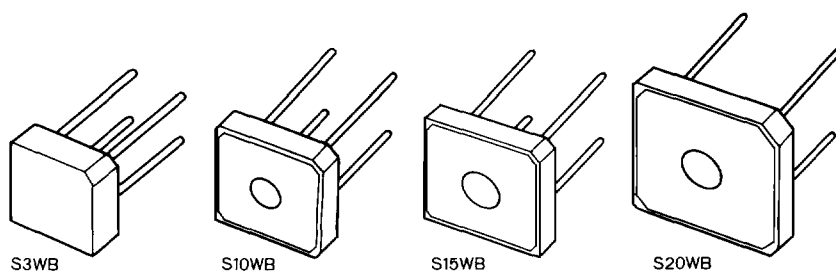


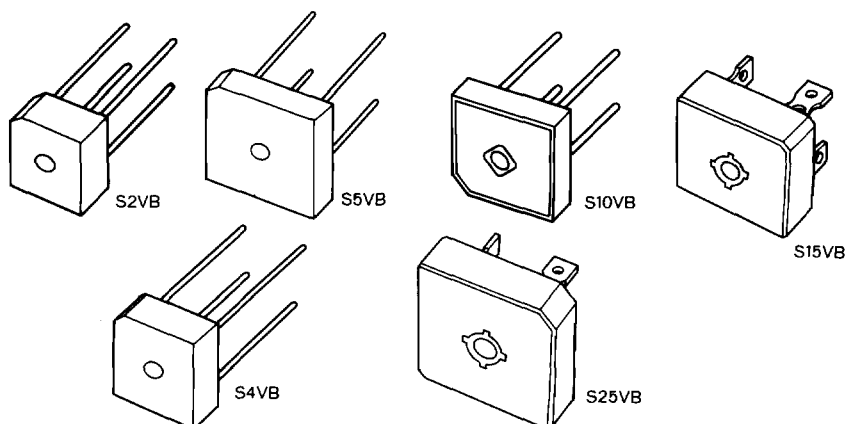
SQIP Bridge Diodes

Input / Output in-line terminal



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.
S3WB20	200	2.3	40*	120	-40~150	150	1.05	2	10	—	5.5	26.5	—	—	S3WB	33
80	600															
S10WB20	200	10	74	170	-40~150	150	1.05	5	10	—	4	24	3.9	—	S10WB	34
80	600															
S15WB20	200	15	77	200	-40~150	150	1.05	7.5	10	—	2	19	2.5	—	S15WB	35
80	600															
S20WB20	200	20	76	500	-40~150	150	1.05	10	10	—	2	17	2	—	S20WB	36
80	600															

* : T_a



SQIP Bridge Diodes

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) [V]	Conditions	I _R (max) V _R =V _{RM} [μA]	V _Z (min) [V]	θ _{Jl} (max) [°C/W]	θ _{ja} (max) [°C/W]	θ _{jo} (max) [°C/W]		Package	Fig.
			T _C [°C]					I _F [A]								
S2VB20	200	2	40	40	-40~150	150	1.05	1	10	—	7	—	—	—	S2VB	37
80	600															
S4VB20	200	4	40	80	-40~150	150	1.05	2	10	—	4.5	—	—	—	S4VB	38
80	600															
S5VB20	200	6	40	200	-40~150	150	1.05	3	10	—	3	—	—	—	S5VB	39
80	600															
S10VB20	200	10	40	200	-40~150	150	1.05	5	10	—	2.8	—	—	—	S10VB	40
80	600															
S15VB20	200	15*	83*	200	-40~150	150	1.05	7.5	10	—	—	—	2.3	—	S15VB	41
80	600															
S25VB20	200	25*	85*	400	-40~150	150	1.05	12.5	10	—	—	—	1.5	—	S25VB	42
80	600															
S50VB00	600	50*	95*	500	-40~150	150	1.05	2.5	10	—	—	—	0.5	—	S50VB	43
80	800															

* : T_C

* I : With heatsink