

Rectifier Diodes

3 Phase Bridge Diode Modules

Parts No.	Absolute Maximum Ratings						Electrical Characteristics				Outline								
	V _{RM}	I _O	Conditions	I _{FSM}	T _{stg}	T _j	V _F (max)	Conditions	I _R (max) V _R =V _{RM}	θ _{jC} (max)	Package	Fig.							
	[V]	[A]	T _C [°C]	[A]	[°C]	[°C]	[V]	I _F [A]	V _R =V _{RM} [μA]	[°C/W]									
S10VT60	600	10	137	170	-40~150	150	1.05	3.5	10	0.65	—	43							
80	800			150								44							
S10VTA60	600			170								43							
80	800			150															
S15VT60	600	15	132	200				5		0.6			43						
80	800												44						
S15VTA60	600																		
80	800																		
☆ D20VT60	600	20	95	300				-40~150		150		1.05		7	1.4	—	104		
☆ D20VT60(S)													0.55				43		
☆ D20VT80	800		128												10		0.5	44	
S20VT60	600																	43	
80	800																		44
S20VTA60	600																		
80	800																		
S30VT60	600	30	121	400										10			0.5	43	
80	800												44						
S30VTA60	600																		
80	800																		
★ DS30VT80	800														47				
☆ D30VTA160	1600		105										350		100		0.7	48	

☆: New Products

★: Under Development

Twin Diodes Modules

Parts No.	Absolute Maximum Ratings				Electrical Characteristics							Remarks	Outline	
	VRM	Io	Conditions	IFSM	VF	Conditions	IR	Vz	θj	θja	θjc		Package	Fig.
	[V]	[A]	Tc [°C]	[A]	(max) [V]	IF [A]	(max) VR=VRM [μA]	(min) [V]	(max) [°C/W]	(max) [°C/W]	(max) [°C/W]			
S15VD40	400	18	94	400	1.05	15	10	—	—	—	3.5	*2	—	41
D30VC60	600	30	124	300							0.9	*1		42

* 1: Center-tap



* 2: Doubler type

