

Rectifier Diodes


3 Phase Bridge Diode Modules

Parts No.	Absolute Maximum Ratings						Electrical Characteristics				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.						
S10VT60	600	10	137	170	-40~150	150	1.05	3.5	10	0.65	—	43						
80	800			150														
S10VTA60	600			170														
80	800			150														
S15VT60	600	15	132	200										5	0.6			43
80	800																	
S15VTA60	600																	
80	800																	
☆ D20VT60	600	20	95	300										7	1.4			104
☆ D20VT60(S)																		
☆ D20VT80	800																	
S20VT60	600																	
80	800																	
S20VTA60	600				44													
80	800																	
S30VT60	600	30	121	400				10	0.5			43						
80	800																	
S30VTA60	600												44					
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 [V]	Io [A]	Conditions Tc [°C]	IFSM [A]	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.
S15VD40	400	18	94	400	1.05	15	10	—	—	—	3.5	*2	—	41
D30VC60	600	30	124	300							0.9			

* 1: Center-tap 

* 2: Doubler type 