Rectifier Diode Modules

RoHS COMPLIANT

Features

- Electrical insulation between the chip and base.
- International standard packaging.
- Total pressure structure,good ability of temperature characteristic and power cycle.
- Forced air cooling is for modules of 350A or less than 350A and caneither air cooling and water cooling for modules of 400A or more than it.
- Sinple installation,conveninent use and maintencance.
- Small volume,light weight.



Type	$I_{T(AV)}$@T_C		V_{DRM}/V_{RRM}	V_{TM}@I_{TM}		$I_{DRN}I_{RRM}$	I_{GT}	V_{GT}	I_H	dv/dt	dv/dt	I_{TSM}	V_{TO}	r_T	R_{jc}	T_{jm}	v_{iso}	外型
	A	℃	V	V	A	mA	mA	A	mA	V/μS	A/μS	A×10^3	A×10^3	mΩ	℃/W	℃	V(A.C)	Outline
MTX26	26	85	600~1800	1.69	80	8	100	2.5	150	800	50	0.55	0.85	9.68	0.950	125	2500	Outline
MTX40	40	85	600~1800	1.60	120	8	100	2.5	150	800	50	1.00	0.85	5.57	0.650	125	2500	
MTX55	55	85	600~1800	1.50	170	8	100	2.5	150	800	50	1.25	0.85	3.47	0.530	125	2500	
MTX55	55	80	1900~3000	1.96	120	10	150	3.0	150	800	50	1.15	0.90	5.85	0.640	125	3600	
MTX70	70	85	600~1800	1.48	210	10	100	2.5	150	800	50	1.60	0.80	2.64	0.410	125	2500	
MTX70	70	80	1900~3000	1.93	210	12	150	3.0	150	800	100	1.60	0.90	4.64	0.450	125	3600	
MTX90	90	85	600~1600	1.70	270	10	100	2.5	150	800	100	2.00	0.80	3.01	0.280	125	2500	
MTX90	90	80	1900~3000	1.92	270	15	150	3.0	150	800	100	2.00	0.90	3.26	0.280	125	3600	
MTX110	110	85	600~1600	1.69	330	12	100	2.5	150	800	100	2.40	0.80	2.29	0.250	125	2500	
MTX110	110	80	1900~3000	1.90	330	20	150	3.0	150	800	100	2.40	0.90	2.61	0.250	125	3600	
MTX135	135	85	600~1600	1.75	410	10	100	2.0	150	800	100	2.00	0.80	2.85	0.350	125	2500	
MTX135	135	80	1900~3000	1.96	410	22	150	3.0	150	800	100	3.80	0.90	2.26	0.200	125	3600	
MTX160	160	85	600~1600	1.70	480	20	150	2.5	150	800	100	5.40	0.80	1.69	0.170	125	2500	
MTX160	160	80	1900~3000	1.90	480	25	150	3.0	150	800	100	5.40	0.90	1.79	0.170	125	3600	
MTX182	182	85	600~1600	1.62	550	25	150	2.5	150	800	100	5.80	0.80	1.26	0.160	125	2500	
MTX182	182	80	1900~3000	1.80	550	30	150	3.0	150	800	100	5.80	0.90	1.40	0.160	125	3600	
MTX200	200	85	600~1600	1.65	600	30	180	2.5	150	800	100	7.20	0.80	1.27	0.140	125	2500	
MTX200	200	80	1900~3000	1.90	600	35	180	3.0	150	800	100	7.20	0.90	1.43	0.140	125	3600	
MTX250	250	85	600~1600	1.57	750	30	180	2.5	150	800	100	8.50	0.80	0.85	0.120	125	2500	
MTX250	250	80	1900~3000	1.73	750	40	180	3.0	150	800	100	8.50	0.90	0.93	0.120	125	3600	
MTX300	300	85	600~1600	1.58	900	40	180	2.5	150	800	100	9.30	0.80	0.72	0.100	125	2500	

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	A	℃	V	V	A	mA	mA	A	mA	V/μS	A/μS	A×10^3	A×10^3	mΩ	℃/W	℃	V(A.C)	Outline
MTX300	300	80	1900~3000	1.69	900	50	180	3.0	150	800	100	9.30	0.85	0.75	0.091	125	3600	Outline
MTX350	350	85	600~1800	1.45	1050	40	180	2.5	150	800	100	11.0	0.95	0.36	0.090	125	2500	
MTX400	400	85	600~1800	1.52	1200	40	200	3.0	200	800	100	12.0	0.80	0.49	0.080	125	2500	
MTX500	500	85	600~1800	1.44	1500	40	200	3.0	200	800	100	16.0	0.80	0.34	0.065	125	2500	
MTX400	400	55	600~1800	1.90	1200	40	200	3.0	200	800	100	8.50	0.80	0.80	0.110	125	2500	
MTX500	500	55	600~1800	1.90	1500	40	200	3.0	200	800	100	11.0	0.80	0.64	0.087	125	2500	
MTX600	600	55	600~1600	1.90	1800	40	200	3.0	200	800	100	13.0	0.80	0.53	0.073	125	2500	
MTX800	800	55	600~1600	1.95	2400	40	200	3.0	200	800	100	16.0	0.80	0.42	0.054	125	2500	
MTX800	800	85	600~1600	1.86	2400	40	200	3.0	200	800	100	16.0	0.80	0.42	0.054	125	2500	
MTX1000	1000	55	600~1600	1.95	3000	50	200	3.0	200	800	100	20.0	0.80	0.33	0.052	125	2500	
MTX1000	1000	85	600~1600	1.96	3000	60	200	3.0	200	800	100	20.0	0.80	0.34	0.053	125	2500	
MTX1200	1200	85	600~1600	1.98	3000	70	200	3.0	200	800	100	24.0	0.80	0.29	0.051	125	2500	

- 型号栏中MTX表示MTC,MTX,MTA,MTK,MT中的任意一种， MTX由MTC外加连接片构成
- 水冷模块 water-cooling



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