

Part Number	V _{RRM} / V _{DRM} (V)	I _{T(RMS)} (A)	I _{T(AV)} (A)	@T _C (°C)	I _{TSM}		t _q (μs)	R _{θJC(DC)} (°C/W)	Notes	Fax on Demand Number	Case Outline Key
					(a) (A)	(b) (A)					

Thyristor/Thyristor, Fast

Doubler Circuit Positive Control

INT-A-Pak

IRKTF102-12H	1200	105	105	90	2400	2500	20 and 25	0.085	2 11 12 14 17	87097	M5
IRKTF102-06H	600	105	105	90	2400	2500	20 and 25	0.085	2 11 12 14 17	87097	
IRKTF102-08H	800	105	105	90	2400	2500	20 and 25	0.085	2 11 12 14 17	87097	
IRKTF112-04H	400	112	112	90	2600	2720	10 and 15	0.085	2 11 12 14 17	87091	M5
IRKTF112-08H	800	112	112	90	2600	2720	10 and 15	0.085	2 11 12 14 17	87091	
IRKTF132-04H	400	130	130	90	2700	2825	15	0.085	2 11 12 14 17	87092	M5
IRKTF132-08H	800	130	130	90	2700	2825	15	0.085	2 11 12 14 17	87092	
IRKTF152-04F	400	150	150	90	3700	3870	15	0.085	2 11 12 13 14	87093	M5
IRKTF152-08F	800	150	150	90	3700	3870	15	0.085	2 11 12 13 14	87093	
IRKTF72-12H..	1200	71	71	90	1750	1830	20 and 25	0.125	2 11 12 14 17	87104	M5
IRKTF72-06H..	600	71	71	90	1750	1830	20 and 25	0.125	2 11 12 14 17	87104	
IRKTF72-08H..	800	71	71	90	1750	1830	20 and 25	0.125	2 11 12 14 17	87104	
IRKTF82-04H..	400	81	81	90	1850	1950	10 and 15	0.125	2 11 12 14 17	87103	M5
IRKTF82-08H..	800	81	81	90	1850	1950	10 and 15	0.125	2 11 12 14 17	87103	

NOTES:

2 For I_{TSM}: 100% VRRM reapplied, T_j=T_j max.=125°C

11 Value given for R_{θJC} is per module.

12 RMS isolation voltage = 3000V - 50Hz

13 Re-applied dv/dt = 200V/μs. Refer to table below for t_q code.

14 Available with spacers and longer terminal screws. Refer to case outline for details.

17 Re-applied dv/dt = 400V/μs. Refer to table below for t_q code.

t _q (μs)	Code
10	N
12	M
15	L
18	P
20	K



INT-A-Pak



MAGN-A-Pak

illustrations not to scale

