

Part Number	V <sub>RRM</sub> / V <sub>DRM</sub> (V)	I <sub>T(RMS)</sub> (A)	I <sub>T(AV)</sub> (A)	@T <sub>C</sub> (°C)	I <sub>TSM</sub>		t <sub>q</sub> (μs)	R <sub>θJC(DC)</sub> (°C/W)	Notes	Fax on Demand Number	Case Outline Key
					(a) (A)	(b) (A)					

## Thyristor/Diode, Fast

### Doubler Circuit Negative Control

### INT-A-Pak

IRKLF102-12H	1200	105	105	90	2400	2500	20 and 25	0.085	2 14 17	87097	M5
IRKLF102-06H	600	105	105	90	2400	2500	20 and 25	0.085	2 14 17	87097	
IRKLF102-08H	800	105	105	90	2400	2500	20 and 25	0.085	2 14 17	87097	
IRKLF112-04H	400	112	112	90	2600	2720	10 and 15	0.085	2 14 17	87091	M5
IRKLF112-08H	800	112	112	90	2600	2720	10 and 15	0.085	2 14 17	87091	
IRKLF132-04H	400	130	130	90	2700	2825	15	0.085	2 14 17	87092	M5
IRKLF132-08H	800	130	130	90	2700	2825	15	0.085	2 14 17	87092	
IRKLF152-04H	400	150	150	90	3700	3870	15	0.085	2 13 14	87093	M5
IRKLF152-08H	800	150	150	90	3700	3870	15	0.085	2 13 14	87093	
IRKLF72-12H..	1200	71	71	90	1750	1830	20 and 25	0.125	2 14 17	87104	M5
IRKLF72-06H..	600	71	71	90	1750	1830	20 and 25	0.125	2 14 17	87104	
IRKLF72-08H..	800	71	71	90	1750	1830	20 and 25	0.125	2 14 17	87104	
IRKLF82-04H..	400	81	81	90	1850	1950	10 and 15	0.125	2 14 17	87103	M5
IRKLF82-08H..	800	81	81	90	1850	1950	10 and 15	0.125	2 14 17	87103	

### NOTES:

- 2 For I<sub>TSM</sub>, 100% V<sub>RRM</sub> reapplied, T<sub>J</sub>=T<sub>J</sub> max.=125°C
- 11 Value given for R<sub>θJC</sub> is per module.
- 12 RMS isolation voltage = 3000V - 50Hz
- 13 Re-applied dv/dt = 200V/μs. Refer to table below for t<sub>q</sub> 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<sub>q</sub> code

t <sub>q</sub> (μs)	Code
10	N
12	M
15	L
18	P
20	K



INT-A-Pak



MAGN-A-Pak

*illustrations not to scale*

