

Part Number	$V_{RRM}/$ V_{DRM} (V)	High-Voltage Diode Rating* (V)	$I_T(AV)$ (A)	@ T_C (°C)	I_{TSM} (a) (A)	(b) (A)	$R_{\theta JC}(DC)$ (K/W)	Notes	Fax on Demand Number	Case Outline Key
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Thyristor / Diode

Doubler Circuit Negative Control

IRKL56/04	400	60	85	1100	1150	.2	2	17	22	25	27131	M4
IRKL56/06	600	60	85	1100	1150	.2	2	17	22	25	27131	
IRKL56/08	800	60	85	1100	1150	.2	2	17	22	25	27131	
IRKL56/10	1000	60	85	1100	1150	.2	2	17	22	25	27131	
IRKL56/12	1200	60	85	1100	1150	.2	2	17	22	25	27131	
IRKL56/14	1400	60	85	1100	1150	.2	2	17	22	25	27131	
IRKL56/16	1600	60	85	1100	1150	.2	2	17	22		27131	
IRKL71/04	400	75	85	1400	1470	.165	2	17	22		27132	M4
IRKL71/06	600	75	85	1400	1470	.165	2	17	22		27132	
IRKL71/08	800	75	85	1400	1470	.165	2	17	22		27132	
IRKL71/10	1000	75	85	1400	1470	.165	2	17	22		27132	
IRKL71/12	1200	75	85	1400	1470	.165	2	17	22		27132	
IRKL71/14	1400	75	85	1400	1470	.165	2	17	22		27132	
IRKL71/16	1600	75	85	1400	1470	.165	2	17	22		27132	
IRKL91/04	400	95	85	1500	1570	.135	2	17	22		27132	M4

NOTES:

2 For I_{SM} : 100% VRBM reapplied, $T_J = T_{J \text{ max.}} = 125^\circ\text{C}$

4. V_{tm} @ $p_i \times I_t$ (AV), $T_j=125^\circ\text{C}$

17 Available without auxiliary cathode. Refer to case outline for details.

18 Available in center tap (circuit common anode or circuit common cathode) configurations. Refer to case outline for details.

20 RMS Isolation voltage = 3000V - 50Hz

22 Value given for RthJC is per module.

25 RMS isolation voltage = 3500 - 50Hz

* where applicable



ADD-A-Pak



T-Module



INT-A-Pak



MAGN-A-Pak



Super MAGN-A-Pak

