

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 Positive Control

IRKH56/04	400		60	85	1100	1150	.2	2	17 22 25	27131	M4
IRKH56/06	600		60	85	1100	1150	.2	2	17 22 25	27131	
IRKH56/08	800		60	85	1100	1150	.2	2	17 22 25	27131	
IRKH56/10	1000		60	85	1100	1150	.2	2	17 22 25	27131	
IRKH56/12	1200		60	85	1100	1150	.2	2	17 22 25	27131	
IRKH56/14	1400		60	85	1100	1150	.2	2	17 22 25	27131	
IRKH56/16	1600		60	85	1100	1150	.2	2	17 22	27131	
IRKH71/04	400		75	85	1400	1470	.165	2	17 22	27132	M4
IRKH71/06	600		75	85	1400	1470	.165	2	17 22	27132	
IRKH71/08	800		75	85	1400	1470	.165	2	17 22	27132	
IRKH71/10	1000		75	85	1400	1470	.165	2	17 22	27132	
IRKH71/12	1200		75	85	1400	1470	.165	2	17 22	27132	
IRKH71/14	1400		75	85	1400	1470	.165	2	17 22	27132	
IRKH71/16	1600		75	85	1400	1470	.165	2	17 22	27132	
IRKH91/04	400		95	85	1500	1570	.135	2	17 22	27132	M4

NOTES:

- 2 For I_{TSM} : 100% V_{RRM} reapplied, $T_J = T_J \text{ max.} = 125^\circ\text{C}$
 4 $V_{RM} @ p_i \times I_{T(AV)}$, $T_J = 125^\circ\text{C}$
 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.

- 25 RMS isolation voltage = 3500 - 50Hz

- 20 RMS isolation voltage = 3000V - 50Hz

- 22 Value given for $R_{\theta JC}$ is per module.

* where applicable



ADD-A-Pak



T-Module



INT-A-Pak



MAGN-A-Pak



Super MAGN-A-Pak

