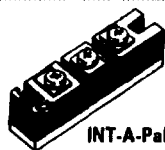


Phase Control SCR

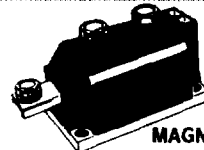
Part Number (18)	V _{RRM} V _{DRM} (V)	I _{T(AV)} @ T _C (A) (°C)	50 Hz I _{TSM} (2) (A)	60 Hz I _{TSM} (2) (A)	(15) R _{thJC} DC (°C/W)	Notes	Fax-on-Demand Number	Case Style, (Case Outline) (1)
Thyristor / Thyristor Power Modules								
IRKT71/08	800	70	85	1400	1470	0.195	(16)(17)	27132
IRKT71/10	1000	70	85	1400	1470	0.195	(16)(17)	27132
IRKT71/12	1200	70	85	1400	1470	0.195	(16)(17)	27132
IRKT71/14	1400	70	80	1300	1360	0.195	(16)(17)	27132
IRKT71/16	1600	70	80	1300	1360	0.195	(16)(17)	27132
IRKT91/04	400	90	85	1400	1470	0.145	(16)(17)	27132
IRKT91/06	600	90	85	1400	1470	0.145	(16)(17)	27132
IRKT91/08	800	90	85	1400	1470	0.145	(16)(17)	27132
IRKT91/10	1000	90	85	1400	1470	0.145	(16)(17)	27132
IRKT91/12	1200	90	85	1400	1470	0.145	(16)(17)	27132
IRKT91/14	1400	90	80	1300	1360	0.145	(16)(17)	27132
IRKT91/16	1600	90	80	1300	1360	0.145	(16)(17)	27132
IRKT105/04	400	105	85	1785	1870	0.135	(16)(17)	27133
IRKT105/06	600	105	85	1785	1870	0.135	(16)(17)	27133
IRKT105/08	800	105	85	1785	1870	0.135	(16)(17)	27133
IRKT105/10	1000	105	85	1785	1870	0.135	(16)(17)	27133
IRKT105/12	1200	105	85	1785	1870	0.135	(16)(17)	27133
IRKT105/14	1400	105	85	1785	1870	0.135	(16)(17)	27133
IRKT105/16	1600	105	85	1785	1870	0.135	(16)(17)	27133
IRKT136-04	400	135	85	2700	2800	0.10	(19)(20)	87101
IRKT136-08	800	135	85	2700	2800	0.10	(19)(20)	87101
IRKT136-12	1200	135	85	2700	2800	0.10	(19)(20)	87101
IRKT136-14	1400	135	85	2700	2800	0.10	(19)(20)	87101
IRKT136-16	1600	135	85	2700	2800	0.10	(19)(20)	87101
IRKT142-08	800	140	85	4000	4200	0.085	(19)(20)	87101
IRKT142-12	1200	140	85	4000	4200	0.085	(19)(20)	87101
IRKT142-16	1600	140	85	4000	4200	0.085	(19)(20)	87101
IRKT142-18	1800	140	85	4000	4200	0.085	(19)(20)	87101
IRKT142-20	2000	140	85	4000	4200	0.085	(19)(20)	87101
IRKT162-04	400	160	85	4300	4500	0.085	(19)(20)	87101
IRKT162-08	800	160	85	4300	4500	0.085	(19)(20)	87101
IRKT162-12	1200	160	85	4300	4500	0.085	(19)(20)	87101
IRKT162-14	1400	160	85	4300	4500	0.085	(19)(20)	87101
IRKT162-16	1600	160	85	4300	4500	0.085	(19)(20)	87101
IRKT170-04	400	170	85	4300	4500	0.085	(19)	87102
IRKT170-08	800	170	85	4300	4500	0.085	(19)	87102
IRKT170-12	1200	170	85	4300	4500	0.085	(19)	87102
IRKT170-14	1400	170	85	4300	4500	0.085	(19)	87102
IRKT170-16	1600	170	85	4300	4500	0.085	(19)	87102
IRKT230-08	800	230	85	6300	6600	0.063	(19)	87102
IRKT230-12	1200	230	85	6300	6600	0.063	(19)	87102
IRKT230-16	1600	230	85	6300	6600	0.063	(19)	87102
IRKT230-18	1800	230	85	6300	6600	0.063	(19)	87102
IRKT230-20	2000	230	85	6300	6600	0.063	(19)	87102
IRKT250-04	400	250	85	7150	7500	0.063	(19)	87102
IRKT250-08	800	250	85	7150	7500	0.063	(19)	87102
IRKT250-12	1200	250	85	7150	7500	0.063	(19)	87102
IRKT250-14	1400	250	85	7150	7500	0.063	(19)	87102
IRKT250-16	1600	250	85	7150	7500	0.063	(19)	87102



ADD-A-Pak



INT-A-Pak



MAGN-A-Pak

 **UL**
RECOGNIZED
File no. E78990

Part Number		V _{RRM}	I _{T(AV)} ①		I _{TSM} , I _{FSM} (2)		(15)	Notes	Fax-on-Demand Number	Case Style, (Case Outline) (1)
Doubler Circuit Positive Control	Doubler Circuit Negative Control	V _{DRM} (V)	I _{F(AV)} (A)	(°C)	50 Hz (A)	60 Hz (A)	R _{thJC} DC (K/W)			
Thyristor / Diode Power Modules										
IRKH26/04	IRKL26/04	400	25	85	500	525	0.400	(16)(17)	27130	ADD-A-Pak (M4)
IRKH26/06	IRKL26/06	600	25	85	500	525	0.400	(16)(17)	27130	
IRKH26/08	IRKL26/08	800	25	85	500	525	0.400	(16)(17)	27130	
IRKH26/10	IRKL26/10	1000	25	85	500	525	0.400	(16)(17)	27130	
IRKH26/12	IRKL26/12	1200	25	85	500	525	0.400	(16)(17)	27130	
IRKH26/14	IRKL26/14	1400	25	85	450	470	0.400	(16)(17)	27130	
IRKH26/16	IRKL26/16	1600	25	85	450	470	0.400	(16)(17)	27130	
IRKH41/04	IRKL41/04	400	40	85	715	750	0.300	(16)(17)	27131	
IRKH41/06	IRKL41/06	600	40	85	715	750	0.300	(16)(17)	27131	
IRKH41/08	IRKL41/08	800	40	85	715	750	0.300	(16)(17)	27131	
IRKH41/10	IRKL41/10	1000	40	85	715	750	0.300	(16)(17)	27131	
IRKH41/12	IRKL41/12	1200	40	85	715	750	0.300	(16)(17)	27131	
IRKH41/14	IRKL41/14	1400	40	80	650	680	0.300	(16)(17)	27131	
IRKH41/16	IRKL41/16	1600	40	80	650	680	0.300	(16)(17)	27131	
IRKH56/04	IRKL56/04	400	55	85	1100	1150	0.250	(16)(17)	27131	
IRKH56/06	IRKL56/06	600	55	85	1100	1150	0.250	(16)(17)	27131	
IRKH56/08	IRKL56/08	800	55	85	1100	1150	0.250	(16)(17)	27131	
IRKH56/10	IRKL56/10	1000	55	85	1100	1150	0.250	(16)(17)	27131	
IRKH56/12	IRKL56/12	1200	55	85	1100	1150	0.250	(16)(17)	27131	
IRKH56/14	IRKL56/14	1400	55	80	1050	1100	0.250	(16)(17)	27131	
IRKH56/16	IRKL56/16	1600	55	80	1050	1100	0.250	(16)(17)	27131	
IRKH71/04	IRKL71/04	400	70	85	1400	1470	0.195	(16)(17)	27132	
IRKH71/06	IRKL71/06	600	70	85	1400	1470	0.195	(16)(17)	27132	
IRKH71/08	IRKL71/08	800	70	85	1400	1470	0.195	(16)(17)	27132	
IRKH71/10	IRKL71/10	1000	70	85	1400	1470	0.195	(16)(17)	27132	
IRKH71/12	IRKL71/12	1200	70	85	1400	1470	0.195	(16)(17)	27132	
IRKH71/14	IRKL71/14	1400	70	80	1300	1360	0.195	(16)(17)	27132	
IRKH71/16	IRKL71/16	1600	70	80	1300	1360	0.195	(16)(17)	27132	
IRKH91/04	IRKL91/04	400	90	85	1500	1570	0.145	(16)(17)	27132	
IRKH91/06	IRKL91/06	600	90	85	1500	1570	0.145	(16)(17)	27132	
IRKH91/08	IRKL91/08	800	90	85	1500	1570	0.145	(16)(17)	27132	
IRKH91/10	IRKL91/10	1000	90	85	1500	1570	0.145	(16)(17)	27132	
IRKH91/12	IRKL91/12	1200	90	85	1500	1570	0.145	(16)(17)	27132	
IRKH91/14	IRKL91/14	1400	90	80	1435	1500	0.145	(16)(17)	27132	
IRKH91/16	IRKL91/16	1600	90	80	1435	1500	0.145	(16)(17)	27132	

(1) See page 105 for Case Outline information

(2) 100% V_{RRM} re-applied @ T_j = T_j max 125°C

(15) Value given for R_{thJC} is per module.

(16) RMS isolation voltage = 3500V - 50Hz

(17) Available without auxiliary cathode. See Case Outline (section N) for details.

(18) Available in center tap (circuit common anode or common cathode) configurations. See Case Outline

(19) Available with spacers and longer terminal screws. See Case Outline (Section N) for details.

(20) RMS isolation voltage = 3000V - 50Hz.