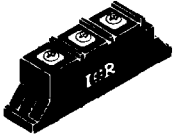

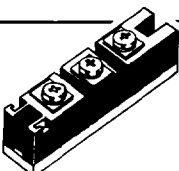

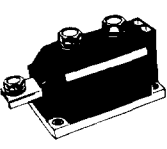
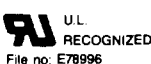


Part Number			VRRM (V)	IF(AV) @ Tc		IFSM (9)		(8) VFM (V)	RthJC DC (1) (K/W)	trr (ns)	Case Outline Number (10)	Notes	Case Style			
(3)	(4)	(5)		(A)	(°C)	50 Hz (A)	60 Hz (A)									
IRKDL56/04S02 IRKDL56/06S02	IRKCL56/04S02 IRKCL56/06S02	IRKJL56/04S02 IRKJL56/06S02	400 600	55	70	800	840	1.72	0.30	200 (70)	M4	(2) (7) (12) (15)	 			
IRKDL56/04S05 IRKDL56/06S05 IRKDL56/08S05 IRKDL56/10S05	IRKCL56/04S05 IRKCL56/06S05 IRKCL56/08S05 IRKCL56/10S05	IRKJL56/04S05 IRKJL56/06S05 IRKJL56/08S05 IRKJL56/10S05	400 600 800 1000	55	70	800	840	1.72	0.30	500 (110)						
IRKDL56/04S10 IRKDL56/06S10 IRKDL56/08S10 IRKDL56/10S10	IRKCL56/04S10 IRKCL56/06S10 IRKCL56/08S10 IRKCL56/10S10	IRKJL56/04S10 IRKJL56/06S10 IRKJL56/08S10 IRKJL56/10S10	400 600 800 1000	55	70	800	840	1.72	0.30	500 (270)						
IRKDL71/04S02 IRKDL71/06S02	IRKCL71/04S02 IRKCL71/06S02	IRKJL71/04S02 IRKJL71/06S02	400 600	70	75	850	890	1.36	0.265	200 (70)						
IRKDL71/04S05 IRKDL71/06S05 IRKDL71/08S05 IRKDL71/10S05	IRKCL71/04S05 IRKCL71/06S05 IRKCL71/08S05 IRKCL71/10S05	IRKJL71/04S05 IRKJL71/06S05 IRKJL71/08S05 IRKJL71/10S05	400 600 800 1000	70	75	850	890	1.36	0.265	500 (110)						
IRKDL71/04S10 IRKDL71/06S10 IRKDL71/08S10 IRKDL71/10S10	IRKCL71/04S10 IRKCL71/06S10 IRKCL71/08S10 IRKCL71/10S10	IRKJL71/04S10 IRKJL71/06S10 IRKJL71/08S10 IRKJL71/10S10	400 600 800 1000	70	75	850	890	1.36	0.265	1000 (270)						
IRKDL91/04S02 IRKDL91/06S02	IRKCL91/04S02 IRKCL91/06S02	IRKJL91/04S02 IRKJL91/06S02	400 600	90	75	1200	1256	1.45	0.19	200 (80)						
IRKDL91/04S05 IRKDL91/06S05 IRKDL91/08S05 IRKDL91/10S05	IRKCL91/04S05 IRKCL91/06S05 IRKCL91/08S05 IRKCL91/10S05	IRKJL91/04S05 IRKJL91/06S05 IRKJL91/08S05 IRKJL91/10S05	400 600 800 1000	90	75	1200	1256	1.45	0.19	500 (120)						
IRKDL91/04S10 IRKDL91/06S10 IRKDL91/08S10 IRKDL91/10S10	IRKCL91/04S10 IRKCL91/06S10 IRKCL91/08S10 IRKCL91/10S10	IRKJL91/04S10 IRKJL91/06S10 IRKJL91/08S10 IRKJL91/10S10	400 600 800 1000	90	75	1200	1256	1.45	0.19	1000 (290)						
IRKDL132-04S10 IRKDL132-06S10 IRKDL132-08S10 IRKDL132-10S10	IRKCL132-04S10 IRKCL132-06S10 IRKCL132-08S10 IRKCL132-10S10	IRKJL132-04S10 IRKJL132-06S10 IRKJL132-08S10 IRKJL132-10S10	400 600 800 1000	140	100	2500	2600	1.68	0.10	1000				M5	(13) (14) (16)	 
IRKDL132-04S20 IRKDL132-06S20 IRKDL132-08S20 IRKDL132-10S20 IRKDL132-12S20 IRKDL132-14S20	IRKCL132-04S20 IRKCL132-06S20 IRKCL132-08S20 IRKCL132-10S20 IRKCL132-12S20 IRKCL132-14S20	IRKJL132-04S20 IRKJL132-06S20 IRKJL132-08S20 IRKJL132-10S20 IRKJL132-12S20 IRKJL132-14S20	400 600 800 1000 1200 1400	140	100	2500	2600	1.68	0.10	2000						
IRKDL240-04S10 IRKDL240-06S10 IRKDL240-08S10 IRKDL240-10S10	IRKCL240-04S10 IRKCL240-06S10 IRKCL240-08S10 IRKCL240-10S10	IRKJL240-04S10 IRKJL240-06S10 IRKJL240-08S10 IRKJL240-10S10	400 600 800 1000	250	100	6750	7100	1.62	0.063	1000						
IRKDL240-04S20 IRKDL240-06S20 IRKDL240-08S20 IRKDL240-10S20 IRKDL240-12S20 IRKDL240-14S20	IRKCL240-04S20 IRKCL240-06S20 IRKCL240-08S20 IRKCL240-10S20 IRKCL240-12S20 IRKCL240-14S20	IRKJL240-04S20 IRKJL240-06S20 IRKJL240-08S20 IRKJL240-10S20 IRKJL240-12S20 IRKJL240-14S20	400 600 800 1000 1200 1400	250	100	6750	7100	1.62	0.063	2000						
IRKDL240-16S30 IRKDL240-18S30 IRKDL240-20S30 IRKDL240-22S30 IRKDL240-24S30 IRKDL240-25S30	IRKCL240-16S30 IRKCL240-18S30 IRKCL240-20S30 IRKCL240-22S30 IRKCL240-24S30 IRKCL240-25S30	IRKJL240-16S30 IRKJL240-18S30 IRKJL240-20S30 IRKJL240-22S30 IRKJL240-24S30 IRKJL240-25S30	1600 1800 2000 2200 2400 2500	240	100	6300	6600	1.71	0.063	3000	M6	(13)	 			

- (1) Value given for RthJC is per module.
- (2) RMS isolation voltage: 3500V-50Hz.
- (3) Doubler circuit.
- (4) Center tap, circuit common cathode. Contact factory.
- (5) Center tap, circuit common anode. Contact factory.
- (7) trr conditions: Tj = 25°C, If = 1A, VR = 30V, diF/dt = 100A/μs values shown in parenthesis.
- (8) VFM at IFM = π × IF(AV), Tj = 25°C.

- (9) 100% VRRM reapplied. Tj = Tj max.
- (10) For case outline drawing see page 0-2.
- (12) New generation of ADD-A-Pak modules are identified by a "/" (slash) in the part number instead of the "-" of the old part number. Consult factory for new type availability.
- (13) All devices can be supplied with non toxic material. Add suffix N to part number.
- (14) trr conditions: If = 500A, diF/dt = 100 A/μs, Tj = 150°C, VR = 50.
- (15) trr conditions: Tj = 25°C, IFM = π × rated IF(AV), -diF/dt = 25A/μs.
- (16) RMS isolation voltage: 3000V-50Hz.

