

INTERNATIONAL RECTIFIER 26E D ■ 4855452 0010659 4 ■ T-03-03

SURFACE MOUNT DEVICES, SINGLE & DUAL DIE

SINGLE-DIE AXIAL LEAD

Part Number	V _{RWM} V	I _{F(AV)} 180° rect A	@ T _C °C	V _{FM} @ T _J = 100°C I _{FM} = I _{F(AV)} V	I _{FSM} (1) 50Hz A	60Hz A	I _{RM} @ rated V _{RWM} T _J = 125°C mA	T _J max °C	Bulletin	Outline
10JQ030	30	1.1	25a	0.52	20	21	5.6	125	PD-2.082	17
10JQ040	40	1.1	25a	0.52	20	21	5.6	125	PD-2.082	
10JQ050	50	1.1	8a	0.56	20	21	11.0	125	PD-2.082	
10JQ060	60	1.1	8a	0.56	20	21	11.0	125	PD-2.082	
10JQ090	90	1.1	22a	0.74	20	21	1.0	125	PD-2.082	
10JQ100	100	1.1	22a	0.74	20	21	1.0	125	PD-2.082	
10MQ040	40	1.1	90	0.53	30	32	50.0	125	PD-2.211	18
10MQ060	60	0.77	110	0.59	10	11	7.5	125	PD-2.211	
10MQ090	90	0.77	110	0.69	10	11	5.0	125	PD-2.211	
30WQ03F b	30	3.3	109	0.60	40	42	12.0	125	PD-2.202	19
30WQ04F	40	3.3	109	0.60	40	42	12.0	125	PD-2.202	
30WQ05F	50	3.3	108	0.85	40	42	15.0	125	PD-2.202	
30WQ06F	60	3.3	108	0.85	40	42	15.0	125	PD-2.202	
30WQ09F	90	3.3	107	0.80	40	42	2.0	125	PD-2.202	
30WQ10F	100	3.3	107	0.80	40	42	2.0	125	PD-2.202	
50WQ03F b	30	5.5	97	0.63	45	47	20.0	125	PD-2.203	19
50WQ04F	40	5.5	97	0.63	45	47	20.0	125	PD-2.203	
50WQ05F	50	5.5	95	0.70	45	47	30.0	125	PD-2.203	
50WQ06F	60	5.5	95	0.70	45	47	30.0	125	PD-2.203	
50WQ09F	90	5.5	95	0.82	45	47	3.0	125	PD-2.203	
50WQ10F	100	5.5	95	0.82	45	48	3.0	125	PD-2.203	
6CWQ03F* c	30	6.6	101	0.54d	45	47	20.0	125	PD-2.207	20
6CWQ04F*	40	6.6	101	0.54d	45	47	20.0	125	PD-2.207	
6CWQ05F*	50	6.6	98	0.58d	45	47	30.0	125	PD-2.207	
6CWQ06F*	60	6.6	98	0.58d	45	47	30.0	125	PD-2.207	
6CWQ09F*	90	6.6	98	0.75d	45	47	3.0	125	PD-2.207	
6CWQ10F*	100	6.6	98	0.75d	45	47	3.0	125	PD-2.207	

* — Dual-die — common cathodes.

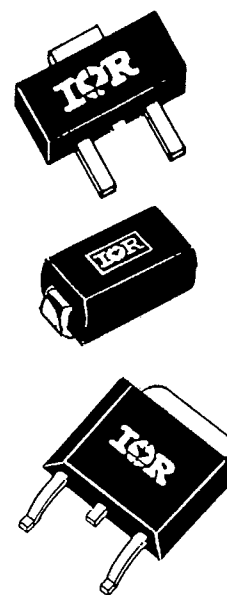
a — Ambient Temperature.

b — For non-surface mount types see page 3.

c — For non-surface mount types see page 5.

d — I_{FM} = 1/2 I_{O(AV)}.

(1) Peak half-cycle sine wave, following any rated load condition, V_{RWM} reapplied.



SINGLE-DIE AND DUAL-DIE HIGH-REL TYPES

Part Number	V _{RWM} V	I _{F(AV)} 180° rect A	@ T _C °C	V _{FM} @ T _J = 100°C I _{FM} = I _{F(AV)} V	I _{FSM} (1) 50Hz A	60Hz A	I _{RM} @ rated V _{RWM} T _J = 125°C mA	T _J max °C	Bulletin	Outline
20GQ100 ■	100	20.0	100	0.92	575	600	45	175 ■	E2076	21a
22CGQ045 ■	45	22.0	100	0.89	575	600	20	175 ■	E2073	21b
22DGQ045 ■	45	22.0	100	0.89	575	600	20	175 ■	E2074	21c
25GQ045 ■	45	22.0	100	0.85	995	1000	45	175 ■	E2075	21a

■ = Provisional Information.

■ = "830" Process.

(1) Peak half-cycle sine wave, following any rated load condition, V_{RWM} reapplied.

(e) 20GQ100 & 25GQ045 are Single-die, 22CGQ045 is a Dual-die common cathode configuration and 22DGQ045 is a Dual-die doubler configuration.

