

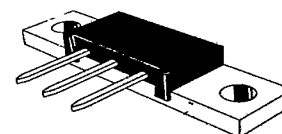
DUAL-DIE TO-204 — common cathodes

Part Number	V _{RWM} V	I _{O(AV)} 180° rect A	@ T _C °C	V _{FM} @ T _J = 100°C I _{FM} = ½ I _{F(AV)} V		I _{FSM} (1) 50Hz A		I _{RM} @ rated V _{RWM} T _J = 125°C mA	T _J max °C	Bulletin	Outline
40CDQ030	30	40.0	143	0.60		380	400	20	175	PD-2.058	12a
40CDQ035	35	40.0	143	0.60		380	400	20	175	PD-2.058	
40CDQ040	40	40.0	143	0.60		380	400	20	175	PD-2.058	
40CDQ045	45	40.0	143	0.60		380	400	20	175	PD-2.058	
60CDQ030	30	60.0	120	0.70		475	500	20	175	PD-2.058	12b
60CDQ035	35	60.0	120	0.70		475	500	20	175	PD-2.058	
60CDQ040	40	60.0	120	0.70		475	500	20	175	PD-2.058	
60CDQ045	45	60.0	120	0.70		475	500	20	175	PD-2.058	
SD241	35	60.0	120	0.70		380	400	20	175	PD-2.058	12a



DUAL-DIE NON-ISOLATED MODULE common cathodes

Part Number	V _{RWM} V	I _{O(AV)} 180° rect A	@ T _C °C	V _{FM} @ T _J = 100°C I _{FM} = ½ I _{F(AV)} V		I _{FSM} (1) 50Hz A		I _{RM} @ rated V _{RWM} T _J = 125°C mA	T _J max °C	Bulletin	Outline
82CNQ025	25	60.0	107	0.35		955	1000	280	150	PD-2.195	13a
82CNQ030	30	60.0	107	0.35		955	1000	280	150	PD-2.195	
80CNQ035	35	60.0	95	0.48		765	800	250	150	—	13a
80CNQ040	40	60.0	95	0.48		765	800	250	150	—	
80CNQ045	45	60.0	95	0.48		765	800	250	150	—	
83CNQ060	60	60.0	85	0.68		575	600	45	175	—	13a
83CNQ080	80	60.0	85	0.68		575	600	45	175	—	
83CNQ100	100	60.0	85	0.68		575	600	45	175	—	
82CNQ025	25	80.0	100	0.42		955	1000	280	150	—	13b
82CNQ030	30	80.0	100	0.42		955	1000	280	150	—	
80CNQ035	35	80.0	90	0.52		765	800	250	150	—	13b
80CNQ040	40	80.0	90	0.52		765	800	250	150	—	
80CNQ045	45	80.0	90	0.52		765	800	250	150	—	
83CNQ060	60	80.0	80	0.72		575	600	45	175	—	13b
83CNQ080	80	80.0	80	0.72		575	600	45	175	—	
83CNQ100	100	80.0	80	0.72		575	600	45	175	—	

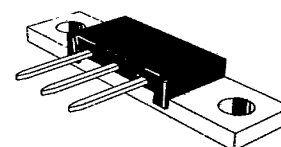
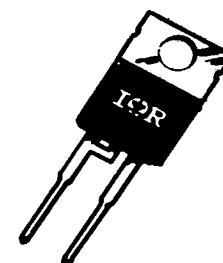


ULTRA LOW FORWARD VOLTAGE DUAL-DIE NON-ISOLATED MODULE common cathode

Part Number	V _{RWM} V	I _{O(AV)} 180° rect A	@ T _C °C	V _{FM} @ T _J = 125°C I _{FM} = ½ I _{F(AV)} V		I _{FSM} (1) 50Hz A		I _{RM} @ rated V _{RWM} T _J = 125°C mA	T _J max °C	Bulletin	Outline
84CNQ035	35	80.0	75	0.42		610	640	73	125	E2078	13b
84CNQ040	40	80.0	75	0.42		610	640	73	125	E2078	
84CNQ045	45	80.0	75	0.42		610	640	73	125	E2078	

'OR-ING' SINGLE DIE TO-220 & DUAL-DIE NON-ISOLATED MODULE — common cathode

Part Number	V _{RWM} V	I _{O(AV)} 180° rect A	@ T _C °C	V _{FM} @ I _{FM} T _J = 70°C V		I _{FSM} (1) 50Hz A		I _{RM} @ rated V _{RWM} T _J = 70°C mA	T _J max °C	Bulletin	Outline
19TQ007	7	19.0	90	0.24 0.27 0.30	8 13 19	260	275	100	100	E2138	10
19TQ015	15	19.0	90	0.24 0.27 0.30	8 13 19	260	275	210	100	E2138	10
85CNQ007	7	80.0	70	0.24 0.27 0.30	20 30 40	610	640	100	100	E2065	13b
85CNQ015	15	80.0	70	0.24 0.27 0.30	20 30 40	610	640	210	100	E2138	13b



■ = Provisional Information. ■ = "830" Process.
(1) Peak half-cycle sine wave, following any rated load condition, V_{RWM} reapplied.