

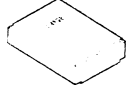
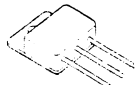
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Schottky Rectifier

High Reliability

Part Number	V _{RRM} (V)	I _{F(AV)} @ T _C		V _{FM} @ I _{FM} T _j = 100°C I _{FM} = I _{F(AV)} (V)	I _{FSM} (1)		I _{RM} @ T _j = 125°C & Rated V _{RWM} (mA)	Max. T _j (°C)	Outline Number (5)	Notes	Case Style
		(A)	(°C)		50Hz (A)	60Hz (A)					
15CGQ100	100	15.0	100	0.77	TBD	TBD	7	150	H19	(2) (3)	TO-254AA M-PAK (4) 
20GQ100	100	20.0		0.92			45	175			
22CGQ045	45	22.0		0.89			20	175			
22DGQ045	45	22.0		0.89			20	175			
25GQ045	45	22.0		0.85			45	175			
15CLQ100	100	15.0		0.80	228	240	15	175	H21	(2)	SMD-1 
20CLQ045	45	20.0		0.75	285	300	15	175			
45CKQ100	100	45.0		TBD	TBD	TBD	TBD	175	H20	(2) (4)	TO-258 
60CKQ045	45	60.0						175			

(1) PEAK HALF-CYCLE SINE WAVE, FOLLOWING ANY RATED LOAD CONDITION. V_{RRM} REAPPLIED.

(2) DUAL-DIE COMMON CATHODE CONFIGURATION

(3) DUAL-DIE DOUBLER CONFIGURATION.

(4) PACKAGES CONTAINING BERYLLIA SHALL NOT BE GROUND, SANDBLASTED, MACHINED, OR HAVE OTHER OPERATIONS PERFORMED ON THEM WHICH WILL PRODUCE BERYLLIA OR BERYLLIUM DUST. FURTHERMORE, BERYLLIUM OXIDE PACKAGES SHALL NOT BE PLACED IN ACIDS THAT WILL PRODUCE FUMES CONTAINING BERYLLIUM.

(5) FOR CASE OUTLINE DRAWING SEE PAGE 136.