


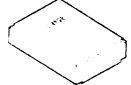
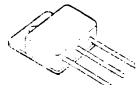
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Schottky Rectifier

High Reliability

Part Number	VRRM (V)	IF(AV) @ Tc		VFM @ IFM Tj = 100°C IFM = IF(AV) (V)	IFSM(1)		IRM @ Tj = 125°C & Rated VRWM (mA)	Max. Tj (°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	100	0.80	228	240	15	175	H21	(2)	SMD-1 	
20CLQ045	45	20.0		0.75	285	300	15	175				
45CKQ100	100	45.0		100	TBD	TBD	TBD	TBD	175	H20	(2) (4)	TO-258 
60CKQ045	45	60.0			TBD	TBD	TBD	175				

(1) PEAK HALF-CYCLE SINE WAVE, FOLLOWING ANY RATED LOAD CONDITION. VRRM 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.