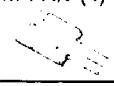




New Jersey Semi-Conductor Products, Inc.

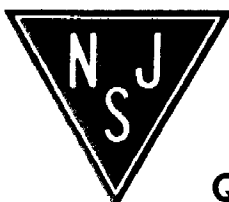
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Schottky Rectifier
 High Reliability

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 20GQ100 22CGQ045 22DGQ045 25GQ045	100 100 45 45 45	15.0 20.0 22.0 22.0 22.0	100	0.77 0.92 0.89 0.89 0.85	TBD	TBD	7 45 20 20 45	150 175 175 175 175	H19	(2) (3)	TO-254AA M-PAK (4) 					
15CLQ100 20CLQ045	100 45	15.0 20.0		0.80 0.75			228 285	240 300				15 15	175 175	H21	(2)	SMD-1 
45CKQ100 60CKQ045	100 45	45.0 60.0		TBD			TBD	TBD				TBD	175 175	H20	(2) (4)	TO-258 

- (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.



NJ Semi-Conductors reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However, NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.

Quality Semi-Conductors