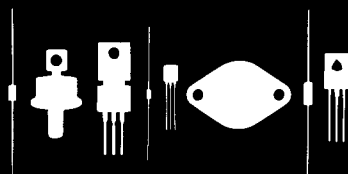


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145 Adams Avenue
Hauppauge, New York 11788



CRSH60KD SERIES
60 AMP, 40 THRU 60 VOLTS
CENTER TAP SCHOTTKY RECTIFIER
JEDEC TO-3 CASE

DESCRIPTION

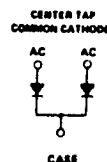
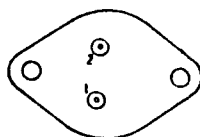
The CENTRAL SEMICONDUCTOR CRSH60KD series types are 60 amp center tapped schottky rectifiers mounted in a hermetically sealed JEDEC TO-3 case designed for applications requiring low forward drop and instantaneous reverse recovery times.

MAXIMUM RATINGS (T_A=25°C unless otherwise noted)

SYMBOL	CRSH60KD-4	CRSH60KD-5	CRSH60KD-6	UNIT
V _{RRM}	40	50	60	V
V _R	40	50	60	V
V _{R(RMS)}	28	35	42	V
I _O @ 50% DUTY CYCLE		30		A
I _{FSM, 1/2 CYCLE, 60Hz}		600		A
T _J , T _{STG}		-65 TO +175		°C
θ _{JC} (PER LEG)		1.4		°C/W

ELECTRICAL CHARACTERISTICS (T_C=25°C unless otherwise noted)

SYMBOL	TEST CONDITIONS	MIN	MAX	UNIT
V _F	I _F =30A PER LEG		0.74	V
V _F	I _F =60A PER LEG		0.92	V
I _R	V _R =Rated V _{RRM}		10	mA
I _R	V _R =Rated V _{RRM} , T _C =125°C		25	mA
C _J	V _R =5.0V		2000	pF



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