

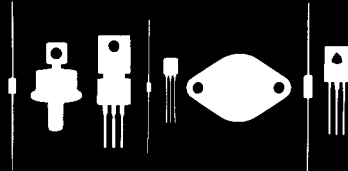
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145 Adams Avenue
Hauppauge, New York 11788



CRSH60KD SERIES

60 AMP, 40 THRU 60 VOLTS
CENTER TAP SCHOTTKY RECTIFIER

JEDEC TO-3 CASE

DESCRIPTION

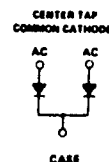
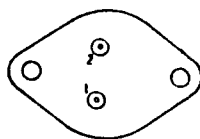
The CENTRAL SEMICONDUCTOR CRSH60KD series types are 60 amp center tapped schottky rectifiers mounted in a hermetically sealed JEDEC TO-3 case designed for applications requiring low forward drop and instantaneous reverse recovery times.

MAXIMUM RATINGS ($T_A=25^\circ\text{C}$ 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
$I_{FSM, \frac{1}{2} \text{ CYCLE, 60Hz}}$		600		A
T_J, T_{STG}		-65 TO +175		$^\circ\text{C}$
θ_{JC} (PER LEG)		1.4		$^\circ\text{C/W}$

ELECTRICAL CHARACTERISTICS ($T_C=25^\circ\text{C}$ unless otherwise noted)

SYMBOL	TEST CONDITIONS	MIN	MAX	UNIT
V_F	$I_F=30\text{A PER LEG}$		0.74	V
V_F	$I_F=60\text{A PER LEG}$		0.92	V
I_R	$V_R=\text{Rated } V_{RRM}$		10	mA
I_R	$V_R=\text{Rated } V_{RRM}, T_C=125^\circ\text{C}$		25	mA
C_J	$V_R=5.0\text{V}$		2000	pF



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