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Central
Semiconductor Corp.



CLLRH SERIES

GENERAL PURPOSE RECTIFIER
0.5 AMP, 200 THRU 600 VOLTS

SUPERTM
mini



SOD-80 CASE

FEATURES:

- SUPER MINI RECTIFIER IN A DIODE CASE
- HIGH CURRENT DENSITY
- HIGH RELIABILITY
- SPECIAL SELECTIONS AVAILABLE
- ROBUST GLASS CONSTRUCTION
- SUPERIOR LOT TO LOT CONSISTENCY

DESCRIPTION:

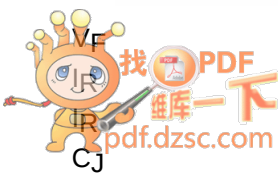
The CENTRAL SEMICONDUCTOR 0.5 amp leadless glass silicon rectifier is a high quality, well constructed, highly reliable component designed for use in all types of commercial, industrial, entertainment, computer, and automotive applications where space is critical.

MAXIMUM RATINGS: ($T_A=25^{\circ}\text{C}$ unless otherwise noted)

		CLLRH -02	CLLRH -04	CLLRH -06	UNITS
Peak Repetitive Reverse Voltage	V_{RRM}	200	400	600	V
DC Blocking Voltage	V_R	200	400	600	V
RMS Reverse Voltage	$V_{R(RMS)}$	140	280	420	V
Average Forward Current ($T_L=80^{\circ}\text{C}$)	I_O		0.5		A
Peak Forward Surge Current (Non-Repetitive, 8.3ms surge)	I_{FSM}		10		A
Operating and Storage Junction Temperature	T_J, T_{stg}		-65 to +175		$^{\circ}\text{C}$

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

SYMBOL	TEST CONDITIONS	MIN	MAX	UNITS
V_F	$I_F = \text{Rated } I_O$		1.1	V
I_R	$V_R = \text{Rated } V_{RRM}$		200	nA
I_{RR}	$V_R = \text{Rated } V_{RRM}, T_A = 150^{\circ}\text{C}$		25	μA
C_J	$V_R = 4.0\text{V}, f = 1.0\text{MHz}$		10	pF



All dimensions in inches (mm).

