



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°C unless otherwise noted)

	SYMBOL	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°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		°C

ELECTRICAL CHARACTERISTICS: (T_A=25°C unless otherwise noted)

SYMBOL	TEST CONDITIONS	MIN	MAX	UNITS
V _F	I _F =Rated I _O		1.1	V
I _R	V _R =Rated V _{RRM}		200	nA
I _R	V _R =Rated V _{RRM} , T _A =150°C		25	μA
C _J	V _R =4.0V, f=1.0MHz		10	pF

All dimensions in inches (mm).

