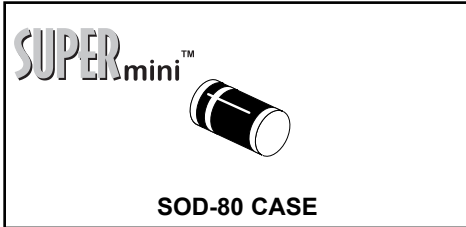


CLLRH SERIES

GENERAL PURPOSE RECTIFIER
0.5 AMP, 200 THRU 600 VOLTS



Central™

Semiconductor Corp.

FEATURES:

- SUPERmini™ 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 CLLRH Series 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.

MARKING CODE: CATHODE BAND

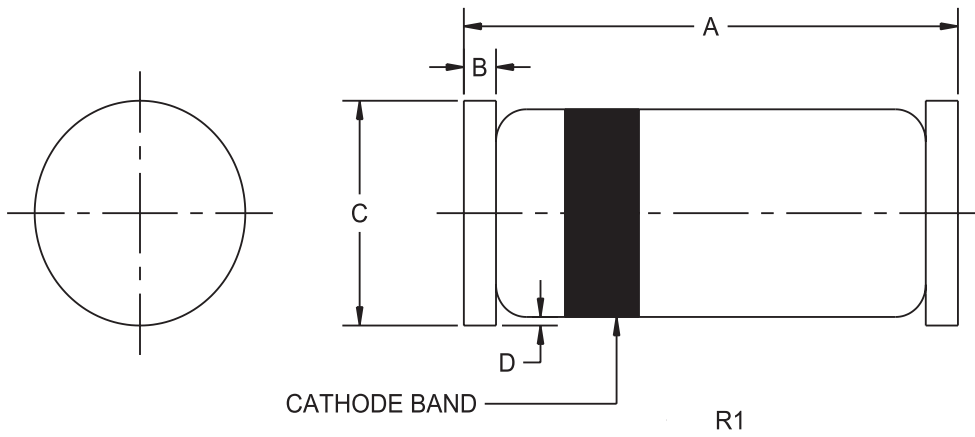
MAXIMUM RATINGS (T_A=25°C unless otherwise noted)

	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 =500mA		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

SOD-80 CASE - MECHANICAL OUTLINE



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SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.130	0.146	3.30	3.71
B	0.016		0.41	
C (DIA)	0.051	0.067	1.30	1.70
D	-	0.004	-	0.10

SOD-80 (REV:R1)