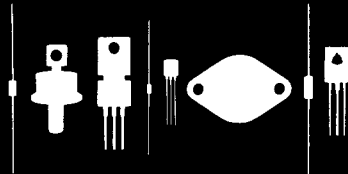


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1N5331

SILICON POWER RECTIFIER  
12 AMPS, 1200 VOLTS

JEDEC DO-4 CASE

DESCRIPTION

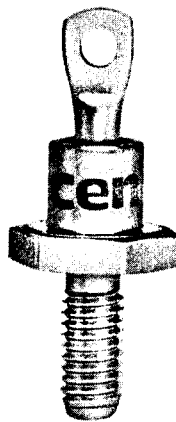
The CENTRAL SEMICONDUCTOR 1N5331 type is a medium current silicon power rectifier designed for general purpose rectifier applications. Normal polarity is cathode to case (stud). For reverse polarity, add "R" suffix to part number.

MAXIMUM RATINGS (T<sub>C</sub>=25°C unless otherwise noted)

	SYMBOL		UNIT
Peak Reverse Voltage	VRRM	1200	V
DC Blocking Voltage	VR	1200	V
RMS Reverse Voltage	VR(RMS)	840	V
Average Forward Current (T <sub>C</sub> =100°C)	IO	12	A
Peak Forward Surge Current	IFSM	240	A
Operating and Storage Junction Temperature	TJ, TSTG	-65 TO +200	°C

ELECTRICAL CHARACTERISTICS (T<sub>C</sub>=25°C unless otherwise noted)

SYMBOL	TEST CONDITIONS	MIN	MAX	UNIT
V <sub>F</sub>	I <sub>F</sub> =12A		1.35	V
I <sub>R</sub>	V <sub>R</sub> =1200V		0.5	mA



**Central™  
Semiconductor Corp.**

145 Adams Avenue  
Hauppauge, NY 11788 USA  
Tel: (631) 435-1110 • Fax: (631) 435-1824  
www.centrasemi.com