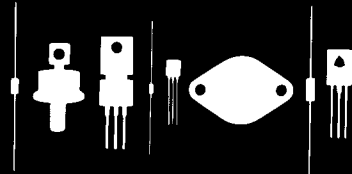


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145 Adams Avenue
Hauppauge, New York 11788



1N5624 THRU 1N5627

GLASS PASSIVATED RECTIFIER
5.0 AMPS, 200-800 VOLTS

GPR-3A CASE

DESCRIPTION

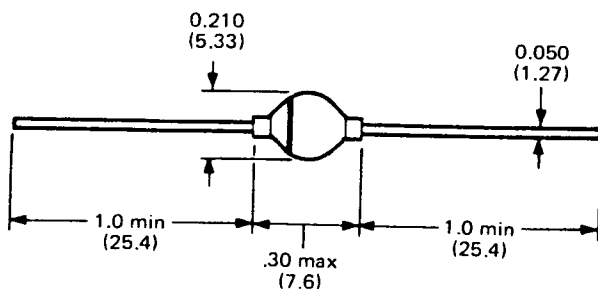
The CENTRAL SEMICONDUCTOR 1N5624 Series types are Silicon Rectifiers mounted in a hermetically sealed, glass passivated package designed for general applications where high reliability is desired.

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

	SYMBOL	1N5624	1N5625	1N5626	1N5627	CPR3-100	UNIT
Peak Repetitive Reverse Voltage	V_{RRM}	200	400	600	800	1000	V
DC Blocking Voltage	V_R	200	400	600	800	1000	V
RMS Reverse Voltage	$V_R(\text{RMS})$	140	280	420	560	700	V
Average Forward Current ($T_A=75^\circ\text{C}$)	I_O			3.0			A
Average Forward Current	I_O			5.0			A
Peak Forward Surge Current	I_{FSM}			125			A
Operating and Storage Junction Temp.	T_J, T_{stg}		-65	T0	+200		$^\circ\text{C}$

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

SYMBOL	TEST CONDITIONS	MIN	MAX	UNIT
I_R	$V_R=\text{Rated } V_{RRM}$		5.0	μA
V_F	$I_F=3.0\text{A}$		1.0	V



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