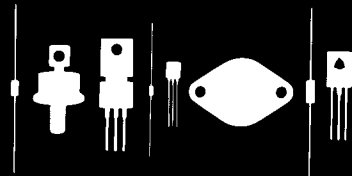


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145 Adams Avenue  
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1N5624 THRU 1N5627

GLASS PASSIVATED RECTIFIER  
5.0 AMPS, 200-800 VOLTS

GPR-3A CASE

DESCRIPTION

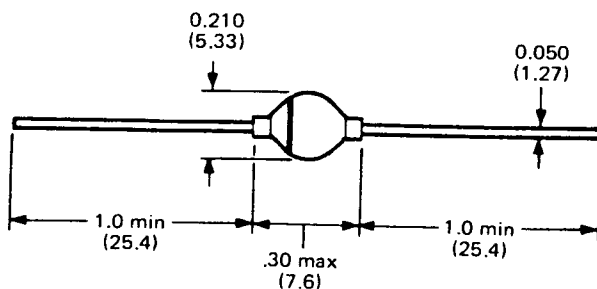
The CENTRAL SEMICONDUCTOR 1N5624 Series types are Silicon Rectifiers mounted in a hermetically sealed, glass passivated package designed for general applications where high reliability is desired.

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 TO +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	$\mu\text{A}$
$V_F$	$I_F = 3.0\text{A}$		1.0	V



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