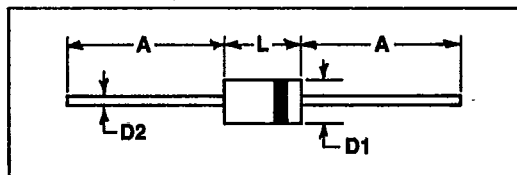


General Purpose Plastic Silicon Rectifiers

- Axial lead
- Low cost, reliable construction
- Low leakage
- Underwriters Laboratories flammability classification 94V-O
- Excellent thermal characteristics
- Applications include Linear and Switching Power Supplies, Audio Equipment, Instrumentation and Industrial Equipment

Case Dimensions



Case	Inch	A	L	D1	D2
DO-41	Min.	1.00	0.166	0.10	0.028
	Max.		0.205	0.11	0.034
DO-27A	Min.	1.00	0.285	0.190	0.048
	Max.		0.375	0.210	0.052
PX-64	Min.	1.00	0.34	0.34	0.048
	Max.		0.36	0.36	0.052

Operating and Storage Temperature -65°C to $+175^{\circ}\text{C}$

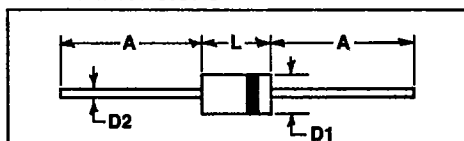
Ampere	Case	Type	PRV	Max Avg* Rectified Current @Half-Wave R or L Load 60Hz		Peak Forward Surge Current 1~60Hz	Max Rev Current @PRV @25°C	Max Forward Voltage @25°C		Typical Junction Cap.			
				Vpk	Io			Ta	Ifm		Ir	Vfm	Ifm
					Aav			°C	Apk		μAdc	Vpk	Apk
1.0	DO-41	1N4001	50	1.0	75	50	5.0	1.1	1.0	20			
		1N4002	100										
		1N4003	200										
		1N4004	400										
		1N4005	600										
		1N4006	800										
		1N4007	1000										
1.5	DO-41	1N5391	50	1.5	50	50	5.0	1.1	1.5	30			
		1N5392	100										
		1N5393	200										
		1N5394	300										
		1N5395	400										
		1N5396	500										
		1N5397	600										
		1N5398	800										
		1N5399	1000										
3.0	DO-27A	1N5400	50	3.0	55	200	10	1.0	3.0	70			
		1N5401	100										
		1N5402	200										
		1N5403	300										
		1N5404	400										
		1N5405	500										
		1N5406	600										
		1N5407	800										
		1N5408	1000										
6.0	PX-64	ICC6401	50	6.0	55	400	25	1.0	6.0	100			
		ICC6402	100										
		ICC6403	200										
		ICC6404	400										
		ICC6405	600										
		ICC6406	800										
		ICC6407	1000										

*Derate 20% for Capacitive Load

Fast Recovery Plastic Silicon Rectifiers

- Ideal for P.C. board use
- Low cost, reliable molded plastic construction
- Underwriters Laboratories flammability classification 94V-O
- Exceeds environment standards
- For Switching Power Supplies, Instrumentation and Industrial Applications

Case Dimensions



Case	Inch	A	L	D1	D2
DO-41	Min.	1.00	0.166	0.10	0.028
	Max.		0.205	0.11	0.034
DO-27A	Min.	1.00	0.285	0.190	0.048
	Max.		0.375	0.210	0.052
PX-64	Min.	1.00	0.34	0.34	0.048
	Max.		0.36	0.36	0.052

Operating and Storage Temperature -65°C to $+175^{\circ}\text{C}$

Ampere	Case	Type	PRV	Max Avg* Rectified Current @Half-Wave R or L Load 60Hz		Peak Forward Surge Current 1~60Hz	Max Rev Current @PRV @25°C	Max Forward Voltage @25°C		Typical Junction Cap.	Max Rev Recovery Time
				Io	Ta			Vfm	Ifm		
			Vpk	Aav	°C	Apk	Ir	μAdc	Vpk	Apk	pF
1.0	DO-41	ICR1001	50	1.0	75	50	5.0	1.1	1.0	20	150
		ICR1002	100								150
		ICR1003	200								150
		ICR1004	400								150
		ICR1005	600								250
		ICR1006	800								500
		ICR1007	1000								500
1.0	DO-41	1N4933	50	1.0	75	30	5.0	1.2	1.0	20	200
		1N4934	100								200
		1N4935	200								200
		1N4936	400								200
		1N4937	600								200
1.5	DO-41	ICR1501	50	1.5	75	50	5.0	1.2	1.5	30	150
		ICR1502	100								150
		ICR1503	200								150
		ICR1504	400								150
		ICR1505	600								250
		ICR1506	800								500
		ICR1507	1000								500
3.0	DO-27A	ICR3001	50	3.0	105	200	10	1.1	3.0	70	150
		ICR3002	100								150
		ICR3003	200								150
		ICR3004	400								150
		ICR3005	600								250
		ICR3006	800								500
		ICR3007	1000								500
6.0	PX-64	ICR6001	50	6.0	60	400	25	1.1	6.0	100	150
		ICR6002	100								150
		ICR6003	200								150
		ICR6004	400								150
		ICR6005	600								250
		ICR6006	800								500
		ICR6007	1000								500

*Derate 20% for Capacitive Load