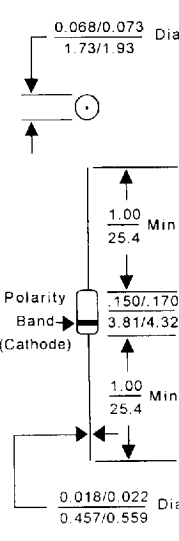
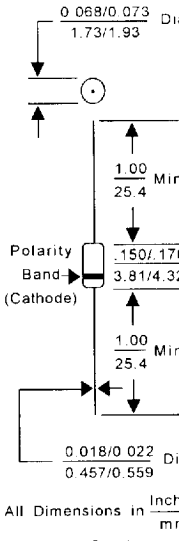


CURRENT REGULATOR DIODES

ISI Part Number	Package Type	Pinch Off Current at 25 VDC I_s (mA)			Limiting Voltage at 0.81 I_s V_L (Volts)	Dynamic Impedance at $V_s = 25V$ Z_r (MOhms)	Knee Impedance at $V_s = 6V$ Z_k (Kohms)	Peak Operating Voltage POV (Volts)	Temperature Coefficient of I_s (%/°C)		Outline
		Minimum	Nominal	Maximum	Maximum	Minimum	Minimum	Maximum	-55°C/+25°C	+25°C/+150°C	
1N5283	DO-35 JEDEC Types	0.198	0.22	0.242	1.00	25.0	2750		+1.35	-0.06, +0.70	 0.068/0.073 Dia 1.73/1.93 1.00/25.4 Min 0.018/0.022 Dia 0.457/0.559 Polarity Band (Cathode) 0.150/.170 3.81/4.32 1.00/25.4 Min All Dimensions in $\frac{\text{Inches}}{\text{mm}}$ DO-35
1N5284		0.216	0.24	0.264	1.00	19.0	2350		+1.25	-0.10, +0.66	
1N5285		0.243	0.27	0.297	1.00	14.0	1950		-0.10, +1.15	-0.12, +0.58	
1N5286		0.270	0.30	0.330	1.00	9.0	1606		-0.15, +1.05	-0.15, +0.52	
1N5287		0.297	0.33	0.363	1.00	6.6	1350		-0.20, +0.95	-0.16, +0.47	
1N5288		0.351	0.39	0.429	1.05	4.10	1000		-0.30, +0.82	-0.20, +0.38	
1N5289		0.387	0.43	0.473	1.05	3.30	870		-0.32, +0.75	-0.22, +0.33	
1N5290		0.423	0.47	0.517	1.05	2.70	750		-0.35, +0.70	-0.23, +0.28	
1N5291		0.504	0.56	0.616	1.10	1.90	560		-0.40, +0.55	-0.26, +0.20	
1N5292		0.558	0.62	0.682	1.13	1.55	470		-0.42, +0.45	-0.27, +0.15	
1N5293		0.612	0.68	0.748	1.15	1.35	400		-0.45, +0.40	-0.28, +0.12	
1N5294		0.675	0.75	0.825	1.20	1.15	335		-0.50, +0.35	-0.30, +0.07	
1N5295		0.738	0.82	0.902	1.25	1.00	290		-0.52, +0.27	-0.31, +0.03	
1N5296		0.819	0.91	1.001	1.29	0.880	240	100	-0.56, +0.20	-0.32	
1N5297		0.900	1.00	1.10	1.35	0.800	205		-0.58, +0.15	-0.34	
1N5198		0.990	1.10	1.21	1.40	0.700	180		-0.60, +0.10	-0.36	
1N5299		1.08	1.20	1.32	1.45	0.640	155		-0.63, +0.05	-0.37	
1N5300		1.17	1.30	1.43	1.50	0.580	135		-0.65	-0.38	
1N5301		1.26	1.40	1.54	1.55	0.540	115		-0.68	-0.39	
1N5302		1.35	1.50	1.65	1.60	0.510	105		-0.70	-0.40	
1N5303		1.44	1.60	1.76	1.65	0.475	92		-0.70	-0.40	
1N5304		1.62	1.80	1.98	1.75	0.420	74		-0.72	-0.41	
1N5305		1.80	2.00	2.20	1.85	0.395	61		-0.75	-0.42	
1N5306		1.98	2.20	2.42	1.95	0.370	52		-0.76	-0.42	
1N5307		2.16	2.40	2.64	2.00	0.345	44		-0.78	-0.43	
1N5308		2.43	2.70	2.97	2.15	0.320	35		-0.80	-0.43	
1N5309		2.70	3.00	3.30	2.25	0.300	29		-0.81	-0.43	
1N5310		2.97	3.30	3.63	2.35	0.280	24		-0.82	-0.44	
1N5311		3.24	3.60	3.96	2.50	0.265	20		-0.83	-0.44	
1N5312		3.51	3.90	4.29	2.60	0.255	17		-0.84	-0.45	
1N5313		3.87	4.30	4.73	2.75	0.245	14		-0.85	-0.45	
1N5314		4.23	4.70	5.17	2.90	0.235	12		-0.86	-0.45	

ISI Part Number	Package Type	Pinch Off Current at 25 VDC I_s (mA)			Limiting Voltage at 0.81 I_s V_L (Volts)	Dynamic Impedance at $V_s = 25V$ Z_r (Ohms)	Knee Impedance at $V_s = 6V$ Z_k (Ohms)	Peak Operating Voltage POV (Volts)	Temperature Coefficient of I_s (%/°C)	Outline
		Minimum	Nominal	Maximum	Maximum	Minimum	Minimum	Maximum	+25°C/+50°C	
CR250	DO-35 High Current	4.59	5.1	5.61	3.67	40	12	100	-0.25/-0.53	 0.068/0.073 Dia 1.73/1.93 1.00/25.4 Min 0.018/0.022 Dia 0.457/0.559 Polarity Band (Cathode) 0.150/.170 3.81/4.32 1.00/25.4 Min All Dimensions in $\frac{\text{Inches}}{\text{mm}}$ DO-35
CR251		5.04	5.6	6.16	4.03	40	12	100	-0.25/-0.49	
CR252		5.58	6.2	6.82	4.50	40	12	100		
CR253		6.12	6.8	7.48	3.00	320	10	30		
CR254		6.75	7.5	8.25	3.10	320	10	30		
CR255		7.38	8.2	9.02	3.30	170	10	30		
CR256		8.19	9.1	10.01	3.40	170	9	30	-0.25/-0.45	
CR257		9.00	10.0	11.00	3.50	170	9	30		
CR258		9.90	11.0	12.10	3.65	80	6	30		
CR259		10.8	12.0	13.20	3.80	80	5	30		
CR260		11.7	13.0	14.30	3.97	30	4	30		
CR261		12.6	14.0	15.40	4.14	30	3	25		
CR262		13.5	15.0	16.50	4.31	30	2	25		