

**CURRENT LIMITER  
FIELD EFFECT DIODES  
1N5283 - 1N5314**

PART NUMBER	REGULATOR CURRENT Ip (mA) @ Vs = 25V			MIN REGULATOR IMPEDANCE Zs @ Vs = 25 V (M OHM)	MIN KNEE IMPEDANCE Zk @ Vk = 6V (M OHM)	MAX LIMITING VOLTAGE VL @ IL = 0.8 Ip (VOLTS)
	NOM	MIN	MAX			
1N5283	0.22	0.198	0.242	25.00	2.750	1.00
1N5284	0.24	0.216	0.264	19.00	2.350	1.00
1N5285	0.27	0.243	0.297	14.00	1.950	1.00
1N5286	0.30	0.270	0.330	9.00	1.600	1.00
1N5287	0.33	0.297	0.363	6.60	1.350	1.00
1N5288	0.39	0.351	0.429	4.10	1.000	1.05
1N5289	0.43	0.387	0.473	3.30	0.870	1.05
1N5290	0.47	0.423	0.517	2.70	0.750	1.05
1N5291	0.56	0.504	0.616	1.90	0.560	1.10
1N5292	0.62	0.558	0.682	1.55	0.470	1.13
1N5293	0.68	0.612	0.748	1.35	0.400	1.15
1N5294	0.75	0.675	0.825	1.15	0.335	1.20
1N5295	0.82	0.738	0.902	1.00	0.290	1.25
1N5296	0.91	0.819	1.001	0.88	0.240	1.29
1N5297	1.00	0.900	1.100	0.80	0.205	1.35
1N5298	1.10	0.990	1.210	0.70	0.180	1.40
1N5299	1.20	1.080	1.320	0.640	0.155	1.45
1N5300	1.30	1.170	1.430	0.580	0.135	1.50
1N5301	1.40	1.260	1.540	0.540	0.115	1.55
1N5302	1.50	1.350	1.650	0.510	0.105	1.60
1N5303	1.60	1.440	1.760	0.475	0.092	1.65
1N5304	1.80	1.620	1.980	0.420	0.074	1.75
1N5305	2.00	1.800	2.200	0.395	0.061	1.85
1N5306	2.20	1.980	2.420	0.370	0.052	1.95
1N5307	2.40	2.160	2.640	0.345	0.044	2.00
1N5308	2.70	2.430	2.970	0.320	0.035	2.15
1N5309	3.00	2.700	3.300	0.300	0.029	2.25
1N5310	3.30	2.970	3.630	0.280	0.024	2.35
1N5311	3.60	3.240	3.960	0.265	0.020	2.50
1N5312	3.90	3.510	4.290	0.255	0.017	2.60
1N5313	4.30	3.870	4.730	0.245	0.014	2.75
1N5314	4.70	4.230	5.170	0.235	0.012	2.90

  

Package Style	DO-7
DC Power Dissipation	500 mW
Peak Operating Voltage	100 V
Operating Temperature (Topr)	-55 to + 175°C
Storage Temperature (Tstg)	-55 to + 175° C

**MILITARY SCREENING IS AVAILABLE  
HIGHER REGULATOR CURRENT TYPES AVAILABLE (>5.17 mA)**