

CURRENT REGULATOR DIODES

ISI Part Number	Package Type	Pinch Off Current at 25 VDC I_p (mA)			Limiting Voltage at 0.8 I_p V_L (Volts)	Dynamic Impedance at $V_L = 25V$ Z_r (KOhms)	Knee Impedance at $V_L = 6V$ Z_k (KOhms)	Peak Operating Voltage POV (Volts)	Temperature Coefficient of I_p (%/°C)	Outline
		Minimum	Nominal	Maximum						
CR340 CR341 CR342 CR343 CR344 CR345 CR346 CR347 CR348 CR349 CR350 CR351 CR352 CR353 CR354 CR355 CR356	TO-5 Outline Very High Current	9.9	11	12.1	6.0	100	6.0	45	-0.25/-0.45	 All Dimensions in Inches
10.8		12	13.2	100		5.0	45			
11.7		13	14.3	100		4.0	45			
13.5		15	16.5	90		3.0	45			
14.4		16	17.6	90		2.5	45			
16.2		18	19.8	80		2.0	45			
18.0		20	22.0	70		1.0	45			
19.8		22	24.2	60		0.6	45			
21.6		24	26.4	60		0.6	45			
24.3		27	29.7	60		0.6	45			
27.0		30	33.0	50		0.6	45			
29.7		33	36.3	40		0.6	41			
32.4		36	39.6	30		0.6	38			
35.1		39	42.9	20		0.6	35			
38.7		43	47.3	20		0.6	32			
42.3		47	51.7	15		0.6	29			
45.9	51	56.1	15	0.6	27					
CR340A CR341A CR342A CR343A CR344A CR345A CR346A CR347A CR348A CR349A CR350A CR351A CR352A CR353A CR354A CR355A CR356A	TO-254 Outline Very High Current	9.9	11	12.1	6.0	100	6.0	45	-0.25/-0.45	 All Dimensions in Inches
10.8		12	13.2	100		5.0	45			
11.7		13	14.3	100		4.0	45			
13.5		15	16.5	90		3.0	45			
14.4		16	17.6	90		2.5	45			
16.2		18	19.8	80		2.0	45			
18.0		20	22.0	70		1.0	45			
19.8		22	24.2	60		0.6	45			
21.6		24	26.4	60		0.6	45			
24.3		27	29.7	60		0.6	45			
27.0		30	33.0	50		0.6	45			
29.7		33	36.3	40		0.6	41			
32.4		36	39.6	30		0.6	38			
35.1		39	42.9	20		0.6	35			
38.7		43	47.3	20		0.6	32			
42.3		47	51.7	15		0.6	29			
45.9	51	56.1	15	0.6	27					
SM340 SM341 SM342 SM343 SM344 SM345 SM346 SM347 SM348 SM349 SM350 SM351 SM352 SM353 SM354 SM355 SM356	Surface Mount Very High Current	9.9	11	12.1	6.0	100	6.0	45	-0.25/-0.45	 All Dimensions in Inches
10.8		12	13.2	100		5.0	45			
11.7		13	14.3	100		4.0	45			
13.5		15	16.5	90		3.0	45			
14.4		16	17.6	90		2.5	45			
16.2		18	19.8	80		2.0	45			
18.0		20	22.0	70		1.0	45			
19.8		22	24.2	60		0.6	45			
21.6		24	26.4	60		0.6	45			
24.3		27	29.7	60		0.6	45			
27.0		30	33.0	50		0.6	45			
29.7		33	36.3	40		0.6	41			
32.4		36	39.6	30		0.6	38			
35.1		39	42.9	20		0.6	35			
38.7		43	47.3	20		0.6	32			
42.3		47	51.7	15		0.6	29			
45.9	51	56.1	15	0.6	27					