

# International Rectifier

# Semiconductors Zener Diodes

## REFERENCETABLE

5 Watts at 75°C lead temperature -5% tolerance (continued)

Type	Stock No.	Min.		$V_z$ at $I_{zT}$		$I_{zT}$ mA	$Z_{zT}$ at $I_{zT}$	$I_z$ (max) mA	Outline Drawing No.
				Nom.	Max.				
5ZS11B	29689B	9.9	11	12.1		125	2.5	455	4
5ZS12B	29690E	10.8	12	13.2		100	2.5	417	
5ZS13B	29691C	11.7	13	14.3		100	2.5	385	
5ZS14B	29692A	12.6	14	15.4		100	2.5	355	
5ZS15B	29693X	13.5	15	16.5		75	2.5	330	
5ZS16B	29694H	14.4	16	17.6		75	2.5	310	
5ZS17B	29695F	15.3	17	18.7		70	2.5	290	
5ZS18B	29696D	16.2	18	19.8		65	2.5	275	
5ZS19B	29697B	17.1	19	20.9		65	3	262	
5ZS20B	29698X	18	20	22		65	3	250	
5ZS22B	29699R	19.8	22	24.2		50	3.5	227	
5ZS24B	29700X	21.6	24	26.4		50	3.5	205	
5ZS25B	29701R	22.5	25	27.5		50	4	200	
5ZS27B	29702G	24.3	27	29.7		50	5	185	
5ZS28B	29703E	25.2	28	30.8		50	6	178	
5ZS30B	29704C	27	30	33		40	8	166	
5ZS33B	29705A	29.7	33	36.3		40	10	151	
5ZS36B	29706X	32.4	36	39.6		30	11	139	
5ZS39B	29707H	35.1	39	42.9		30	14	128	
5ZS43B	29708F	38.7	43	47.3		30	20	116	
5ZS47B	29709D	42.3	47	51.7		25	25	106	
5ZS51B	29710G	45.9	51	56.1		25	27	98	
5ZS56B	29711E	50.4	56	62.6		20	35	89	
5ZS60B	29712C	54	60	66		20	40	83	
5ZS62B	29713A	55.8	62	68.2		20	42	80	
5ZS68B	29714X	61.2	68	74.8		20	44	73	
5ZS75B	29715H	67.5	75	82.5		20	45	66	
5ZS82B	29716F	73.6	82	90.2		15	65	61	
5ZS87B	29717D	78.3	87	95.7		15	75	57	
5ZS91B	29718B	81.9	91	100		15	75	55	
5ZS100B	29719X	90	100	110		12	90	50	

## REFERENCETABLE 10 Watts at 95°C Base -5% tolerance

Type	Stock No.	Zener Voltage		Max. DC Zener Current $I_z$ mA	Test Current $I_{zT}$ mA	Max. Dynamic Imp. at $I_{zT}$ Ohms	Max. Leakage Current		Outline Drawing No.
		5% Volts Min.	Max.				at 2V $\mu A$	at 80% $V_z$ mA	
10Z3.3T5	11691R	3.1	3.5	3000	600	2.0	5000	10	33
10Z3.6T5	11692G	3.4	3.8	2700	500	1.5	2500	8	
10Z3.9T5	11693E	3.7	4.1	2500	500	1.5	1300	8	
10Z4.3T5	11694C	4	4.5	2300	500	1.5	600	8	
10Z4.7T5	11695A	4.4	5	2100	400	1.4	100	8	
10Z5.1T5	11696X	4.8	5.4	1900	400	1.3	50	8	
10Z5.6T5	11697H	5.3	6	1750	350	1.2	50	5	
10Z6.2T5	11698F	5.8	6.6	1600	350	0.8	10	5	
10Z6.8T5	11699D	6.4	7.2	1500	300	0.5	1	1	
10Z7.5T5	11700F	7.1	7.9	1300	300	0.5	0.1	0.1	

Continued on next page

MANUFACTURER'S CURRENT LIST PRICES ARE ALWAYS CHARGED