



**AMERICAN
MICROSEMICONDUCTOR**

Advancing the Semiconductor Industry Since 1972

Type *					Electrical Specifications at 25°C							Maximum Ratings	
					Nominal Zener Voltage I V _Z @ I _{ZT}	Test Current I _{ZT}	Max. Zener impedance § Z _Z @ I _{ZT}	Maximum Reverse Leakage Current			Typ. Temp. Coeff. T _C @I _{ZR}	Maximum Continuous Current* I _{ZM}	Maximum Surge Current I _S
								I _R	±5% V _R	±10% V _R			
±5% Tolerance	±10% Tolerance				Volts	mA	Ohms	µA	Volts	Volts	%/°C	mA	Amps
UZ5706	UZ5806	UZ5906	UZ5206	UZ5306	6.8	175	1.0	500	5.2	4.9	.05	675	40
UZ5707	UZ5807	UZ5907	UZ5207	UZ5307	7.5	175	1.5	400	5.7	5.4	.06	620	32
UZ5708	UZ5808	UZ5908	UZ5208	UZ5308	8.2	150	1.5	200	6.2	5.9	.06	570	24
UZ5709	UZ5809	UZ5909	UZ5209	UZ5309	9.1	150	2.0	100	6.9	6.6	.06	510	22
UZ5710	UZ5810	UZ5910	UZ5210	UZ5310	10.0	125	2.0	75	7.6	7.2	.07	470	20
UZ5712	UZ5812	UZ5912	UZ5212	UZ5312	12	100	2.5	50	9.1	8.6	.07	385	18
UZ5713	UZ5813	UZ5913	UZ5213	UZ5313	13	100	3.0	25	9.9	9.3	.08	350	16
UZ5714	UZ5814	UZ5914	UZ5214	UZ5314	14	100	3.0	20	10.6	10.1	.08	320	14
UZ5715	UZ5815	UZ5915	UZ5215	UZ5315	15	75	3.5	15	11.4	10.8	.08	300	12
UZ5716	UZ5816	UZ5916	UZ5216	UZ5316	16	75	3.5	10	12.2	11.5	.08	275	10
UZ5718	UZ5818	UZ5918	UZ5218	UZ5318	18	65	4.0	10	13.7	12.9	.085	255	9.0
UZ5720	UZ5820	UZ5920	UZ5220	UZ5320	20	65	4.5	10	15.2	14.4	.085	220	8.0
UZ5722	UZ5822	UZ5922	UZ5222	UZ5322	22	50	5.0	10	16.7	15.8	.085	195	7.0
UZ5724	UZ5824	UZ5924	UZ5224	UZ5324	24	50	5.0	10	18.2	17.3	.090	180	6.5
UZ5727	UZ5827	UZ5927	UZ5227	UZ5327	27	50	6.0	10	20.6	19.4	.090	155	6.0
UZ5730	UZ5830	UZ5930	UZ5230	UZ5330	30	40	8	10	22.8	21.6	.09	140	5.5
UZ5733	UZ5833	UZ5933	UZ5233	UZ5333	33	40	10	5	25.1	23.7	.09	130	5.0
UZ5736	UZ5836	UZ5936	UZ5236	UZ5336	36	30	11	5	27.4	25.9	.095	120	4.5
UZ5740	UZ5840	UZ5940	UZ5240	UZ5340	40	30	14	5	30.4	28.8	.095	105	4.0
UZ5745	UZ5845	UZ5945	UZ5245	UZ5345	45	30	20	5	34.2	32.4	.095	95	3.5
UZ5750	UZ5850	UZ5950	UZ5250	UZ5350	50	25	25	5	38.0	36.0	.095	85	3.0
UZ5755	UZ5855	UZ5955	UZ5255	UZ5355	56	20	35	5	42.6	40.3	.095	80	2.8
UZ5760	UZ5860	UZ5960	UZ5260	UZ5360	60	20	40	5	45.7	43.2	.100	75	2.5
UZ5770	UZ5870	UZ5970	UZ5270	UZ5370	70	20	50	5	53.3	50.5	.100	65	2.3
UZ5775	UZ5875	UZ5975	UZ5275	UZ5375	75	15	55	5	56.0	54.0	.100	60	2.0
UZ5780	UZ5880	UZ5980	UZ5280	UZ5380	80	15	80	5	60.8	57.7	.100	55	1.8
UZ5790	UZ5890	UZ5990	UZ5290	UZ5390	90	15	90	5	68.5	64.8	.100	50	1.6
UZ5110	UZ5210	UZ5310	UZ5410	UZ5510	100	10	100	5	76.0	72.0	.100	45	4.4
UZ5111	UZ5211	UZ5311	UZ5411	UZ5511	110	10	125	5	83.6	79.2	.100	40	1.2
UZ5112	UZ5212	UZ5312	UZ5412	UZ5512	120	10	170	5</					

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