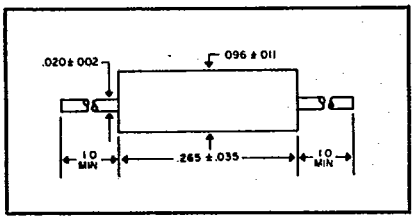
TC ZENER DIODES

DO-7 Case



250 mW, TC

DO-7 Case

Type†	Nominal Zener Voltage	Test Current	Maximum‡ Dynamic Impedance	Voltage Temperature Stability	Temperature Range	Typical Temperature Coefficient
	V_Z+	I_{ZT}	Z_{ZT} @ I_{ZT}	ΔV_{ZT} Max.		
	V	mA	Ω	mV	°C	%/°C
1N4775	8.5	0.5	200	64	0 to + 75	0.01
1N4775A				132	−55 to +100	0.01
1N4776				32	0 to + 75	0.005
1N4776A				66	−55 to +100	0.005
1N4777	8.5	0.5	200	13	0 to + 75	0.002
1N4777A				26	−55 to +100	0.002
1N4778				6	0 to + 75	0.001
1N4778A				13	−55 to +100	0.001
1N4779	8.5	0.5	200	3	0 to + 75	0.0005
1N4779A		0.5	200	7	−55 to +100	0.0005
1N4780		1.0	100	64	0 to + 75	0.01
1N4780A		1.0	100	132	−55 to +100	0.01
1N4781	8.5	1.0	100	32	0 to + 75	0.005
1N4781A				66	−55 to +100	0.005
1N4782				13	0 to + 75	0.002
1N4782A				26	−55 to +100	0.002
1N4783	8.5	1.0	100	6	0 to + 75	0.001
1N4783A				13	−55 to +100	0.001
1N4784				3	0 to + 75	0.0005
1N4784A				7	−55 to +100	0.0005

†Standard tolerance is ±5%.
‡Zener impedance is derived from the 1kHz voltage created when AC current with RMS value of 10% of DC zener test current is superimposed on the test current.

400 mW & 500 mW, TC

DO-7 Case

Type	Zener Voltage Min.	Zener Voltage Max.	Test Current	Maximum‡ Dynamic Impedance	Voltage Temperature Stability	Temperature Range	Typical Temperature Coefficient
	V_Z	V_Z	I_{ZT}	Z_{ZT} @ I_{ZT}	ΔV_{ZT} Max.		
	V	V	mA	Ω	mV	°C	%/°C
1N935	8.55	9.45	7.5	20	67	0 to + 75	0.01
1N935A					139	−55 to +100	
1N935B					184	−55 to +150	
1N936	8.55	9.45	7.5	20	33	0 to + 75	0.005
1N936A					69	−55 to +100	
1N936B					92	−55 to +150	
1N937	8.55	9.45	7.5	20	13	0 to + 75	0.002
1N937A					27	−55 to +100	
1N937B					37	−55 to +150	
1N938	8.55	9.45	7.5	20	6	0 to + 75	0.001
1N938A					13	−55 to +100	
1N938B					18	−55 to +150	
1N939	8.55	9.45	7.5	20	3	0 to + 75	0.0005
1N939A					7	−55 to +100	
1N939B					9	−55 to +150	

‡Zener impedance is derived from the 1kHz voltage created when AC current with RMS value of 10% of DC zener test current is superimposed on the test current.

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