

STDVALS

TABLE I Standard Decade Values (Industry and Military Standards), Preferred Values for Resistors, Capacitors, Zener Diodes																				
*	±1%	±2%	*	±1%	±2%	*	±1%	±2%	*	±1%	±2%	*	±1%	±2%	*	±1%	±2%	±5%	±10%	±20%
1.00	1.00	1.00	1.47	1.47	1.47	2.15	2.15	2.15	3.16	3.16	3.16	4.64	4.64	4.64	6.81	6.81	6.81	1.00	1.00	1.00
1.01			1.49			2.18			3.20			4.70			6.90			1.10		
1.02	1.02		1.50	1.50		2.21	2.21		3.24	3.24		4.75	4.75		6.98	6.98		1.20	1.20	
1.04			1.52			2.23			3.28			4.81			7.06			1.30		
1.05	1.05	1.05	1.54	1.54	1.54	2.26	2.26	2.26	3.32	3.32	3.32	4.87	4.87	4.87	7.15	7.15	7.15	1.50	1.50	1.50
1.06			1.56			2.29			3.36			4.93			7.23			1.60		
1.07	1.07		1.58	1.58		2.32	2.32		3.40	3.40		4.99	4.99		7.32	7.32		1.80	1.80	
1.09			1.60			2.34			3.44			5.05			7.41			2.00		
1.10	1.10	1.10	1.62	1.62	1.62	2.37	2.37	2.37	3.48	3.48	3.48	5.11	5.11	5.11	7.50	7.50	7.50	2.20	2.20	2.20
1.11			1.64			2.40			3.52			5.17			7.59			2.40		
1.13	1.13		1.65	1.65		2.43	2.43		3.57	3.57		5.23	5.23		7.68	7.68		2.70	2.70	
1.14			1.67			2.46			3.61			5.30			7.77			3.00		
1.15	1.15	1.15	1.69	1.69	1.69	2.49	2.49	2.49	3.65	3.65	3.65	5.36	5.36	5.36	7.87	7.87	7.87	3.30	3.30	3.30
1.17			1.72			2.52			3.70			5.42			7.96			3.60		
1.18	1.18		1.74	1.74		2.55	2.55		3.74	3.74		5.49	5.49		8.06	8.06		3.90	3.90	
1.20			1.76			2.58			3.79			5.56			8.16			4.30		
1.21	1.21	1.21	1.78	1.78	1.78	2.61	2.61	2.61	3.83	3.83	3.83	5.62	5.62	5.62	8.25	8.25	8.25	4.70	4.70	4.70
1.23			1.80			2.64			3.88			5.69			8.35			5.10		
1.24	1.24		1.82	1.82		2.67	2.67		3.92	3.92		5.76	5.76		8.45	8.45		5.60	5.60	
1.26			1.84			2.71			3.97			5.83			8.56			6.20		
1.27	1.27	1.27	1.87	1.87	1.87	2.74	2.74	2.74	4.02	4.02	4.02	5.90	5.90	5.90	8.66	8.66	8.66	6.80	6.80	6.80
1.29			1.89			2.77			4.07			5.97			8.76			7.50		
1.30	1.30		1.91	1.91		2.80	2.80		4.12	4.12		6.04	6.04		8.87	8.87		8.20	8.20	
1.32			1.93			2.84			4.17			6.12			8.98			9.10		
1.33	1.33	1.33	1.96	1.96	1.96	2.87	2.87	2.87	4.22	4.22	4.22	6.19	6.19	6.19	9.09	9.09	9.09			
1.35			1.98			2.91			4.27			6.26			9.20					
1.37	1.37		2.00	2.00		2.94	2.94		4.32	4.32		6.34	6.34		9.31	9.31				
1.38			2.03			2.98			4.37			6.42			9.42					
1.40	1.40	1.40	2.05	2.05	2.05	3.01	3.01	3.01	4.42	4.42	4.42	6.49	6.49	6.49	9.53	9.53	9.53			
1.42			2.08			3.05			4.48			6.57			9.65					
1.43	1.43		2.10	2.10		3.09	3.09		4.53	4.53		6.65	6.65		9.76	9.76				
1.45			2.13			3.12			4.59			6.73			9.88					
* +/-0.1%, +/-0.25%, and +/-0.5%									Values per decade						192	96	48	24	12	6