





















**Multilayer Chip Varistor**
**UN2220 Series**

Part Number	Working voltage		Breakdown Voltage		Peak Current	Clamping Voltage	
	AC	DC	@1 mA DC		8/20 $\mu$ S	8/20 $\mu$ S	
	$V_{RMS}$	$V_{DC}$	VB		$I_p(MAX)$	$V_c$	A
UN2220-180H	11.0	14.0	18.0	16-20.0	1000A-2000A	30.0	1-10
UN2220-210H	12.0	16.0	21.0	19-23.0	1000A-2000A	35.0	1-10
UN2220-240H	14.0	18.0	24.0	22-27.0	1000A-2000A	38.0	1-10
UN2220-270H	17.0	22.0	27.0	24--30.0	1000A-2000A	42.0	1-10
UN2220-300H	19.0	24.0	30.0	27--33.0	1000A-2000A	47.0	1-10
UN2220-330H	20.0	26.0	33.0	29--36.0	1000A-2000A	54.0	1-10
UN2220-370H	21.0	27.0	37.0	33--40.5	1000A-2000A	60.0	1-10
UN2220-390H	24.0	30.0	39.0	35--42.0	1000A-2000A	65.0	1-10
UN2220-470H	28.0	36.0	47.0	42--52.5	1000A-2000A	77.0	1-10
UN2220-530H	30.0	42.0	53.0	47--58.5	1000A-2000A	85.0	1-10
UN2220-560H	35.0	45.0	56.0	51--62.0	1000A-2000A	90.0	1-10
UN2220-600H	36.0	47.0	60.0	53--66.0	1000A-2000A	98.0	1-10
UN2220-680H	40.0	56.0	68.0	61--75.0	1000A-2000A	110.0	1-10
UN2220-760H	45.0	60.0	76.0	68--84.0	1000A-2000A	120.0	1-10
UN2220-820H	50.0	65.0	82.0	74--92.0	1000A-2000A	135.0	1-10
UN2220-900H	52.0	68.0	90.0	80--100	1000A-2000A	150.0	1-10
UN2220-101H	60.0	85.0	100.0	90--110	1000A-2000A	165.0	2.5-10
UN2220-121H	75.0	100.0	120.0	108--132	1000A-2000A	200.0	2.5-10
UN2220-151H	95.0	125.0	150.0	135--165	1000A-2000A	250.0	2.5-10
UN2220-181H	115.0	150.0	180.0	162--198.0	1000A-2000A	300.0	5-10
UN2220-201H	130.0	170.0	205.0	184.5-225.5	1000A-2000A	340.0	5-10
UN2220-221H	140.0	180.0	220.0	198--242	1000A-2000A	360.0	5-10
UN2220-241H	150.0	200.0	240.0	216-264	1000A-2000A	395.0	5-10
UN2220-271H	175.0	225.0	270.0	243-297	1000A-2000A	445.0	5-10
UN2220-361H	230.0	300.0	360.0	324-396	1000A-2000A	595.0	5-10

**Multilayer Chip Varistor**
**UN3220 Series**

Part Number	Working voltage		Breakdown Voltage		Peak Current	Clamping Voltage	
	AC	DC	@1 mA DC		8/20 $\mu$ S	8/20 $\mu$ S	
	V <sub>RMS</sub>	V <sub>DC</sub>	V <sub>B</sub>		I <sub>p</sub> (MAX)	V <sub>c</sub>	A
UN3220-390H	24.0	30.0	39.0	35--42.0	500A-800A	65.0	1-10
UN3220-470H	28.0	36.0	47.0	42--52.5	500A-800A	77.0	1-10
UN3220-530H	30.0	42.0	53.0	47--58.5	500A-800A	85.0	1-10
UN3220-560H	35.0	45.0	56.0	51--62.0	500A-800A	90.0	1-10
UN3220-600H	36.0	47.0	60.0	53--66.0	500A-800A	98.0	1-10
UN3220-680H	40.0	56.0	68.0	61--75.0	500A-800A	110.0	1-10
UN3220-760H	45.0	60.0	76.0	68--84.0	500A-800A	120.0	1-10
UN3220-820H	50.0	65.0	82.0	74--92.0	500A-800A	135.0	1-10
UN3220-900H	52.0	68.0	90.0	80--100	500A-800A	150.0	1-10
UN3220-101H	60.0	85.0	100.0	90--110	500A-800A	165.0	2.5-10
UN3220-121H	75.0	100.0	120.0	108--132	500A-800A	200.0	2.5-10
UN3220-151H	95.0	125.0	150.0	135--165	500A-800A	250.0	2.5-10
UN3220-181H	115.0	150.0	180.0	162--198.0	500A-800A	300.0	5-10
UN3220-201H	130.0	170.0	205.0	184.5-225.5	500A-800A	340.0	5-10
UN3220-221H	140.0	180.0	220.0	198--242	500A-800A	360.0	5-10
UN3220-241H	150.0	200.0	240.0	216-264	500A-800A	395.0	5-10
UN3220-271H	175.0	225.0	270.0	243-297	500A-800A	445.0	5-10
UN3220-361H	230.0	300.0	360.0	324-396	500A-800A	595.0	5-10
UN3220-391H	250.0	320.0	390.0	351-429	500A-800A	650.0	5-10
UN3220-431H	275.0	350.0	430.0	387-473	500A-800A	710.0	5-10
UN3220-471H	300.0	385.0	470.0	423-517	500A-800A	775.0	5-10

**Multilayer Chip Varistor**
**UN0201-UN0603 Series**

Part Number	Working voltage		Breakdown Voltage		Peak Current	Clamping Voltage	Capacitance
	AC	DC	@1 mA DC		8/20 $\mu$ S	8/20 $\mu$ S	Cp
	V <sub>RMS</sub>	V <sub>DC</sub>	VB		I <sub>p</sub> (MAX)	V <sub>c</sub>	pF
<b>UN0201</b>							
UN0201M05V330P	4.0	5.5	11.0	$\pm 3V$	-	28	33
UN0201M05V470P	4.0	5.5	11.0	$\pm 3V$	-	26	47
UN0201M05V640P	4.0	5.5	11.0	$\pm 3V$	-	26	64
<b>UN0402</b>							
UN0402M05M	4.0	5.5	8.0	$\pm 20\%$	20A	19	270
UN0402M09M	7.0	9.0	12.5	$\pm 20\%$	20A	32	130
UN0402M14K	11.0	14.0	18.0	$\pm 10\%$	20A	38	90
UN0402M18K	14.0	18.0	22.0	$\pm 10\%$	20A	45	85
<b>UN0603</b>							
UN0603M05M	4.0	5.5	8.0	$\pm 20\%$	30A	19	270
UN0603M09M	7.0	9.0	12.5	$\pm 20\%$	30A	27	210
UN0603M14K	11.0	14.0	18.0	$\pm 10\%$	30A	35.0	150
UN0603M18K	14.0	18.0	22.0	$\pm 10\%$	30A	40.0	130
UN0603M26K	20.0	26.0	31.0	$\pm 10\%$	30A	58.0	100