

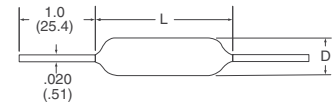


## 均匀瓷包轴向引线电容器 “AXIMAX”

“Aximax”系列多层陶瓷电容器以包含配制过的电介质材料的电容元件为基础（这种电介质材料被铸成薄层），在叠层结构的对棱上散布着金属电极。整个结构经过高温加热成为一个整体，可在小体积中提供高的电容值。加热之后，导电终端被加到瓷片两个对端，这样便与暴露的电极相连接。

KEMET 引线陶瓷电容器供有三种最受欢迎的温度特性类别：C0G：I 类，工作温度范围为 -55°C ~ 125°C，温度系数为每摄氏度  $0 \pm 30\text{ppm}$ （也称“NPO”）。X7R：II 类，工作温度范围为 -55°C ~ 125°C，最大电容值变化  $\pm 15\%$ 。Z5U：III 类，工作温度范围为  $10^\circ\text{C} - 85^\circ\text{C}$ ，最大电容值变化  $22\% - 56\%$ 。

样式	L 最大值, 英寸 (毫米)	D 最大值, 英寸 (毫米)
C410	.170 (4.32)	.100 (2.54)
C412	.170 (4.32)	.120 (3.05)
C420	.260 (6.60)	.100 (2.54)
C430	.290 (7.37)	.150 (3.81)
C440	.400 (10.16)	.150 (3.81)



F

电介质	电压	电容	电容公差 (%)	尺寸代码	Digi-Key 零件编号	剪切带价格				Digi-Key 零件编号	带卷		Kemet 零件编号		
						1	10	100	1,000		数量	价格			
C0G	100	15pF	$\pm 5$	410	399-1807-1-ND	.29	2.79	20.18	139.73	—	—	—	C410C150J1G5CA7200		
		68pF	$\pm 5$	410	399-1811-1-ND	.29	2.79	20.18	139.73	—	—	—	C410C680J1G5CA7200		
		1000pF	$\pm 5$	410	399-1818-1-ND	.27	2.59	18.69	129.38	—	—	—	C410C102J1G5CA7200		
		1500pF	$\pm 5$	420	399-1819-1-ND	.44	4.14	29.90	207.00	—	—	—	C420C152J1G5CA7200		
		3300pF	$\pm 5$	430	399-1821-1-ND	.75	7.14	51.58	357.08	—	—	—	C430C332J1G5CA7200		
		4700pF	$\pm 5$	430	399-1822-1-ND	.75	7.14	51.58	357.08	—	—	—	C430C472J1G5CA7200		
	50	6800pF	$\pm 5$	430	399-1823-1-ND	1.02	9.63	69.52	481.28	399-1823-2-ND	2,500	320.86/M	C430C682J1G5CA7200		
		.01 $\mu$ F	$\pm 5$	440	399-1824-1-ND	1.17	11.13	80.37	556.43	—	—	—	C440C103J1G5CA7200		
		.015 $\mu$ F	$\pm 5$	440	399-1825-1-ND	1.17	11.13	80.37	556.43	—	—	—	C440C153J1G5CA7200		
		680pF	$\pm 5$	410	399-1826-1-ND	.30	2.85	20.57	142.43	—	—	—	C410C681J5G5CA7200		
		1000pF	$\pm 5$	410	399-1827-1-ND	.27	2.59	18.69	129.38	—	—	—	C410C102J5G5CA7200		
		1500pF	$\pm 5$	412	399-1828-1-ND	.46	4.35	31.40	217.35	399-1828-2-ND	5,000	144.90/M	C412C152J5G5CA7200		
		2200pF	$\pm 5$	412	399-1829-1-ND	.46	4.35	31.40	217.35	—	—	—	C412C222J5G5CA7200		
		1500pF	$\pm 5$	420	399-1830-1-ND	.46	4.35	31.40	217.35	399-1830-2-ND	5,000	144.90/M	C420C152J5G5CA7200		
		2200pF	$\pm 5$	420	399-1831-1-ND	.46	4.35	31.40	217.35	399-1831-2-ND	5,000	145.00/M	C420C222J5G5CA7200		
		3300pF	$\pm 5$	430	399-1832-1-ND	.85	8.02	57.95	401.18	399-1832-2-ND	2,500	267.46/M	C430C332J5G5CA7200		
		4700pF	$\pm 5$	430	399-1833-1-ND	.85	8.02	57.95	401.18	—	—	—	C430C472J5G5CA7200		
		6800pF	$\pm 5$	430	399-1834-1-ND	.85	8.02	57.95	401.18	—	—	—	C430C682J5G5CA7200		
.01 $\mu$ F	$\pm 5$	440	399-1835-1-ND	1.17	11.13	80.37	556.43	—	—	—	C440C103J5G5CA7200				
.015 $\mu$ F	$\pm 5$	440	399-1836-1-ND	1.44	13.66	98.67	683.10	399-1836-2-ND	2,500	455.40/M	C440C153J5G5CA7200				
X7R	100	680pF	$\pm 10$	410	399-1838-1-ND	.22	2.13	15.37	106.43	399-1838-2-ND	5,000	70.95/M	C410C681K1R5CA7200		
		1000pF	$\pm 10$	410	399-1839-1-ND	.21	1.98	14.30	99.00	399-1839-2-ND	5,000	66.00/M	C410C102K1R5CA7200		
		1500pF	$\pm 10$	410	399-1840-1-ND	.22	2.13	15.37	106.43	399-1840-2-ND	5,000	70.95/M	C410C152K1R5CA7200		
		3300pF	$\pm 10$	410	399-1842-1-ND	.22	2.13	15.37	106.43	399-1842-2-ND	5,000	70.95/M	C410C332K1R5CA7200		
		.015 $\mu$ F	$\pm 10$	412	399-1846-1-ND	.26	2.48	17.88	123.75	399-1846-2-ND	5,000	82.50/M	C412C153K1R5CA7200		
		.022 $\mu$ F	$\pm 10$	412	399-1847-1-ND	.33	3.17	22.88	158.40	—	—	—	C412C223K1R5CA7200		
	50	.015 $\mu$ F	$\pm 10$	420	399-1848-1-ND	.26	2.48	17.88	123.75	—	—	—	C420C153K1R5CA7200		
		.022 $\mu$ F	$\pm 10$	420	399-1849-1-ND	.37	3.47	25.03	173.25	399-1849-2-ND	5,000	115.50/M	C420C223K1R5CA7200		
		.068 $\mu$ F	$\pm 10$	430	399-1852-1-ND	.65	6.14	44.33	306.90	399-1852-2-ND	2,500	204.60/M	C430C683K1R5CA7200		
		.15 $\mu$ F	$\pm 10$	440	399-1854-1-ND	.96	9.11	65.78	455.40	399-1854-2-ND	2,500	303.60/M	C440C154K1R5CA7200		
		.015 $\mu$ F	$\pm 10$	410	399-1856-1-ND	.29	2.72	19.66	136.13	—	—	—	C410C153K5R5CA7200		
		.068 $\mu$ F	$\pm 10$	412	399-1860-1-ND	.31	2.97	21.45	148.50	—	—	—	C412C683K5R5CA7200		
		.068 $\mu$ F	$\pm 10$	420	399-1862-1-ND	.31	2.97	21.45	148.50	—	—	—	C420C683K5R5CA7200		
		.15 $\mu$ F	$\pm 10$	430	399-1864-1-ND	.65	6.14	44.33	306.90	399-1864-2-ND	2,500	204.60/M	C430C154K5R5CA7200		
		.33 $\mu$ F	$\pm 10$	440	399-1866-1-ND	1.06	10.00	72.22	499.95	—	—	—	C440C334K5R5CA7200		
		.47 $\mu$ F	$\pm 10$	440	399-1867-1-ND	1.57	14.85	107.25	742.50	—	—	—	C440C474K5R5CA7200		
		Z5U	100	.015 $\mu$ F	$\pm 20$	410	399-1869-1-ND	.19	1.83	13.23	91.58	399-1869-2-ND	5,000	61.05/M	C410C153M1U5CA7200
				.022 $\mu$ F	$\pm 20$	410	399-1870-1-ND	.19	1.83	13.23	91.58	—	—	—	C410C223M1U5CA7200
.033 $\mu$ F	$\pm 20$			420	399-1871-1-ND	.30	2.87	20.74	143.55	399-1871-2-ND	5,000	95.70/M	C420C333M1U5CA7200		
.068 $\mu$ F	$\pm 20$			430	399-1873-1-ND	.52	4.95	35.75	247.50	399-1873-2-ND	2,500	165.00/M	C430C683M1U5CA7200		
.22 $\mu$ F	$\pm 20$			440	399-1876-1-ND	.57	5.45	39.33	272.25	—	—	—	C440C224M1U5CA7200		
.033 $\mu$ F	$\pm 20$			410	399-1877-1-ND	.18	1.68	12.16	84.15	—	—	—	C410C333M5U5CA7200		
50	.068 $\mu$ F		$\pm 20$	410	399-1879-1-ND	.18	1.68	12.16	84.15	—	—	—	C410C683M5U5CA7200		
	.15 $\mu$ F		$\pm 20$	410	399-1881-1-ND	.26	2.48	17.88	123.75	399-1881-2-ND	5,000	82.50/M	C410C154M5U5CA7200		
	.33 $\mu$ F		$\pm 20$	420	399-1884-1-ND	.40	3.81	27.53	190.58	—	—	—	C420C334M5U5CA7200		
	.68 $\mu$ F		$\pm 20$	430	399-1886-1-ND	.65	6.19	44.69	309.38	—	—	—	C430C684M5U5CA7200		
	符合 RoHS 规范要求														
	C0G		100	10pF	$\pm 5$	410	399-4446-1-ND	.29	2.79	20.18	139.73	399-4446-2-ND	5,000	93.00/M	C410C100J1G5TA7200
15pF		$\pm 5$		410	399-4455-1-ND	.29	2.79	20.18	139.73	399-4455-2-ND	5,000	93.00/M	C410C150J1G5TA7200		
22pF		$\pm 5$		410	399-4461-1-ND	.29	2.79	20.18	139.73	399-4461-2-ND	5,000	93.00/M	C410C220J1G5TA7200		
33pF		$\pm 5$		410	399-4467-1-ND	.29	2.79	20.18	139.73	399-4467-2-ND	5,000	93.00/M	C410C330J1G5TA7200		
47pF		$\pm 5$		410	399-4472-1-ND	.29	2.79	20.18	139.73	399-4472-2-ND	5,000	93.00/M	C410C470J1G5TA7200		
68pF		$\pm 5$		410	399-4478-1-ND	.29	2.79	20.18	139.73	399-4478-2-ND	5,000	93.00/M	C410C680J1G5TA7200		

◆ 符合 RoHS 规范要求

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digikay.com.cn — 电话：(852) 3104 0500 — 传真：(852) 3104 0686



均匀瓷包轴向引线电容器 “AXIMAX” (接上页)

电介质	电压	电容	电容公差 (%)	尺寸代码	Digi-Key 零件编号	剪切带价格				Digi-Key 零件编号	带卷		Kemet 零件编号
						1	10	100	1,000		数量	价格	
COG	100	100pF	±5	410	399-4447-1-ND	.26	2.48	17.94	124.20	399-4447-2-ND	5,000	83.00/M	C410C101J1G5TA7200
		150pF	±5	410	399-4456-1-ND	.29	2.79	20.18	139.73	399-4456-2-ND	5,000	93.00/M	C410C151J1G5TA7200
		220pF	±5	410	399-4462-1-ND	.29	2.79	20.18	139.73	399-4462-2-ND	5,000	93.00/M	C410C221J1G5TA7200
		330pF	±5	410	399-4468-1-ND	.29	2.79	20.18	139.73	399-4468-2-ND	5,000	93.00/M	C410C331J1G5TA7200
		680pF	±5	410	399-4479-1-ND	.29	2.79	20.18	139.73	399-4479-2-ND	5,000	93.00/M	C410C681J1G5TA7200
		470pF	±5	410	399-4473-1-ND	.29	2.79	20.18	139.73	399-4473-2-ND	5,000	93.00/M	C410C471J1G5TA7200
		1000pF	±5	410	399-4448-1-ND	.27	2.59	18.69	129.38	399-4448-2-ND	5,000	86.00/M	C410C102J1G5TA7200
		1500pF	±5	420	399-4492-1-ND	.44	4.14	29.90	207.00	399-4492-2-ND	5,000	138.00/M	C420C152J1G5TA7202
		2200pF	±5	420	399-4495-1-ND	.46	4.35	31.40	217.35	399-4495-2-ND	5,000	145.00/M	C420C222J1G5TA7200
		3300pF	±5	430	399-4508-1-ND	.75	7.14	51.58	357.08	399-4508-2-ND	2,500	238.00/M	C430C332J1G5TA7200
		4700pF	±5	430	399-4510-1-ND	.75	7.14	51.58	357.08	399-4510-2-ND	2,500	238.00/M	C430C472J1G5TA7200
		6800pF	±5	430	399-4514-1-ND	1.02	9.63	69.52	481.28	399-4514-2-ND	2,500	321.00/M	C430C682J1G5TA7200
	.01μF	±5	440	399-4519-1-ND	1.17	11.13	80.37	556.43	399-4519-2-ND	2,500	371.00/M	C440C103J1G5TA7200	
	.015μF	±5	440	399-4522-1-ND	1.17	11.13	80.37	556.43	399-4522-2-ND	2,500	371.00/M	C440C153J1G5TA7200	
	50	680pF	±5	410	399-4480-1-ND	.30	2.85	20.57	142.43	399-4480-2-ND	5,000	95.00/M	C410C681J5G5TA7200
		1000pF	±5	410	399-4449-1-ND	.27	2.59	18.69	129.38	399-4449-2-ND	5,000	86.00/M	C410C102J5G5TA7200
		1500pF	±5	412	399-4485-1-ND	.46	4.35	31.40	217.35	399-4485-2-ND	5,000	145.00/M	C412C152J5G5TA7200
		2200pF	±5	412	399-4487-1-ND	.46	4.35	31.40	217.35	399-4487-2-ND	5,000	145.00/M	C412C222J5G5TA7200
		1500pF	±5	420	399-4493-1-ND	.46	4.35	31.40	217.35	399-4493-2-ND	5,000	145.00/M	C420C152J5G5TA7200
		2200pF	±5	420	399-4496-1-ND	.46	4.35	31.40	217.35	399-4496-2-ND	5,000	145.00/M	C420C222J5G5TA7200
		3300pF	±5	430	399-4509-1-ND	.85	8.02	57.95	401.18	399-4509-2-ND	2,500	267.00/M	C430C332J5G5TA7200
		4700pF	±5	430	399-4511-1-ND	.85	8.02	57.95	401.18	399-4511-2-ND	2,500	267.00/M	C430C472J5G5TA7200
		6800pF	±5	430	399-4515-1-ND	.85	8.02	57.95	401.18	399-4515-2-ND	2,500	267.00/M	C430C682J5G5TA7200
		.01μF	±5	440	399-4520-1-ND	1.17	11.13	80.37	556.43	399-4520-2-ND	2,500	371.00/M	C440C103J5G5TA7200
.015μF		±5	440	399-4523-1-ND	1.44	13.66	98.67	683.10	399-4523-2-ND	2,500	455.00/M	C440C153J5G5TA7200	
X7R		100	470pF	±10	410	399-4474-1-ND	.22	2.13	15.37	106.43	399-4474-2-ND	5,000	71.00/M
	680pF		±10	410	399-4481-1-ND	.22	2.13	15.37	106.43	399-4481-2-ND	5,000	71.00/M	C410C681K1R5TA7200
	1000pF		±10	410	399-4450-1-ND	.21	1.98	14.30	99.00	399-4450-2-ND	5,000	66.00/M	C410C102K1R5TA7200
	1500pF		±10	410	399-4457-1-ND	.22	2.13	15.37	106.43	399-4457-2-ND	5,000	71.00/M	C410C152K1R5TA7200
	2200pF		±10	410	399-4463-1-ND	.22	2.13	15.37	106.43	399-4463-2-ND	5,000	71.00/M	C410C222K1R5TA7200
	3300pF		±10	410	399-4469-1-ND	.22	2.13	15.37	106.43	399-4469-2-ND	5,000	71.00/M	C410C332K1R5TA7200
	4700pF		±10	410	399-4475-1-ND	.22	2.13	15.37	106.43	399-4475-2-ND	5,000	71.00/M	C410C472K1R5TA7200
	6800pF		±10	410	399-4482-1-ND	.22	2.13	15.37	106.43	399-4482-2-ND	5,000	71.00/M	C410C682K1R5TA7200
	.01μF		±10	410	399-4451-1-ND	.18	1.68	12.16	84.15	399-4451-2-ND	5,000	56.00/M	C410C103K1R5TA7200
	.015μF		±10	412	399-4486-1-ND	.26	2.48	17.88	123.75	399-4486-2-ND	5,000	83.00/M	C412C153K1R5TA7200
	.022μF		±10	412	399-4488-1-ND	.33	3.17	22.88	158.40	399-4488-2-ND	5,000	106.00/M	C412C223K1R5TA7200
	.015μF		±10	420	399-4494-1-ND	.26	2.48	17.88	123.75	399-4494-2-ND	5,000	83.00/M	C420C153K1R5TA7200
	.022μF	±10	420	399-4497-1-ND	.37	3.47	25.03	173.25	399-4497-2-ND	5,000	116.00/M	C420C223K1R5TA7200	
	.033μF	±10	420	399-4498-1-ND	.37	3.47	25.03	173.25	399-4498-2-ND	5,000	116.00/M	C420C333K1R5TA7200	
	.047μF	±10	430	399-4512-1-ND	.47	4.46	32.18	222.75	399-4512-2-ND	2,500	149.00/M	C430C473K1R5TA7200	
	50	.1μF	±10	430	399-4503-1-ND	.52	4.95	35.75	247.50	399-4503-2-ND	2,500	165.00/M	C430C104K1R5TA7200
		.068μF	±10	430	399-4516-1-ND	.65	6.14	44.33	306.90	399-4516-2-ND	2,500	205.00/M	C430C683K1R5TA7200
		.15μF	±10	440	399-4524-1-ND	.96	9.11	65.78	455.40	399-4524-2-ND	2,500	304.00/M	C440C154K1R5TA7200
		.01μF	±10	410	399-4452-1-ND	.17	1.58	11.44	79.20	399-4452-2-ND	5,000	53.00/M	C410C103K5R5TA7200
		.015μF	±10	410	399-4458-1-ND	.29	2.72	19.66	136.13	399-4458-2-ND	5,000	91.00/M	C410C153K5R5TA7200
		.022μF	±10	410	399-4464-1-ND	.29	2.72	19.66	136.13	399-4464-2-ND	5,000	91.00/M	C410C223K5R5TA7200
		.033μF	±10	410	399-4470-1-ND	.29	2.72	19.66	136.13	399-4470-2-ND	5,000	91.00/M	C410C333K5R5TA7200
		.047μF	±10	410	399-4476-1-ND	.31	2.97	21.45	148.50	399-4476-2-ND	5,000	99.00/M	C410C473K5R5TA7200
		.068μF	±10	412	399-4490-1-ND	.31	2.97	21.45	148.50	399-4490-2-ND	5,000	99.00/M	C412C683K5R5TA7200
.1μF		±10	412	399-4484-1-ND	.20	1.88	13.59	94.05	399-4484-2-ND	5,000	63.00/M	C412C104K5R5TA7200	
.068μF		±10	420	399-4502-1-ND	.31	2.97	21.45	148.50	399-4502-2-ND	5,000	99.00/M	C420C683K5R5TA7200	
.1μF		±10	420	399-4491-1-ND	.20	1.88	13.59	94.05	399-4491-2-ND	5,000	63.00/M	C420C104K5R5TA7200	
Z5U	100	.15μF	±20	430	399-4505-1-ND	.65	6.14	44.33	306.90	399-4505-2-ND	2,500	205.00/M	C430C154K5R5TA7200
		.22μF	±10	430	399-4507-1-ND	.96	9.11	65.78	455.40	399-4507-2-ND	2,500	304.00/M	C430C224K5R5TA7200
		.33μF	±10	440	399-4526-1-ND	1.06	10.00	72.22	499.95	399-4526-2-ND	2,500	333.00/M	C440C334K5R5TA7200
		.47μF	±10	440	399-4527-1-ND	1.57	14.85	107.25	742.50	399-4527-2-ND	2,500	495.00/M	C440C474K5R5TA7200
		.01μF	±20	410	399-4453-1-ND	.14	1.29	9.30	64.35	399-4453-2-ND	5,000	43.00/M	C410C103M1U5TA7200
		.015μF	±20	410	399-4459-1-ND	.19	1.83	13.23	91.58	399-4459-2-ND	5,000	61.00/M	C410C153M1U5TA7200
	50	.022μF	±20	410	399-4465-1-ND	.19	1.83	13.23	91.58	399-4465-2-ND	5,000	61.00/M	C410C223M1U5TA7200
		.033μF	±20	420	399-4499-1-ND	.30	2.87	20.74	143.55	399-4499-2-ND	5,000	96.00/M	C420C333M1U5TA7200
		.047μF	±20	420	399-4501-1-ND	.30	2.87	20.74	143.55	399-4501-2-ND	5,000	96.00/M	C420C473M1U5TA7200
		.068μF	±20	430	399-4517-1-ND	.52	4.95	35.75	247.50	399-4517-2-ND	2,500	165.00/M	C430C683M1U5TA7200
		.1μF	±20	430	399-4504-1-ND	.34	3.22	23.24	160.88	399-4504-2-ND	2,500	107.00/M	C430C104M1U5TA7200
		.15μF	±20	430	399-4506-1-ND	.57	5.45	39.33	272.25	399-4506-2-ND	2,500	182.00/M	C430C154M1U5TA7200
.22μF		±20	440	399-4525-1-ND	.57	5.45	39.33	272.25	399-4525-2-ND	2,500	182.00/M	C440C224M1U5TA7200	
.033μF		±20	410	399-4471-1-ND	.18	1.68	12.16	84.15	399-4471-2-ND	5,000	56.00/M	C410C333M5U5TA7200	
.047μF		±20	410	399-4477-1-ND	.18	1.68	12.16	84.15	399-4477-2-ND	5,000	56.00/M	C410C473M5U5TA7200	
.068μF		±20	410	399-4483-1-ND	.18	1.68	12.16	84.15	399-4483-2-ND	5,000	56.00/M	C410C683M5U5TA7200	
.1μF		±20	410	399-4454-1-ND	.13	1.19	8.58	59.40	399-4454-2-ND	5,000	40.00/M	C410C104M5U5TA7200	
.15μF		±20	410	399-4460-1-ND	.26	2.48	17.88	123.75	399-4460-2-ND	5,000	83.00/M	C410C154M5U5TA7200	
.22μF		±20	410	399-4466-1-ND	.26	2.48	17.88	123.75	399-4466-2-ND	5,000	83.00/M	C410C224M5U5TA7200	
.33μF		±20	412	399-4489-1-ND	.40	3.81	27.53	190.58	399-4489-2-ND	5,000	127.00/M	C412C334M5U5TA7200	
.33μF		±20	420	399-4500-1-ND	.40	3.81	27.53	190.58	399-4500-2-ND	5,000	127.00/M	C420C334M5U5TA7200	
.47μF		±20	430	399-4513-1-ND	.65	6.19	44.69	309.38	399-4513-2-ND	2,500	206.00/M	C430C474M5U5TA7200	
.68μF		±20	430	399-4518-1-ND	.65	6.19	44.69	309.38	399-4518-2-ND	2,500	206.00/M	C430C684M5U5TA7200	
4μF		±20	440	399-4521-1-ND	.84	7.92	57.20	396.00					