

AVX 0201、0402、0603 - 片式多层陶瓷电容器

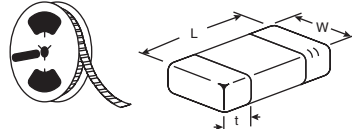


应用备注:

在较低电压应用中可以使用较高的电压电容器此外还可提供各种不同的电压、公差、尺寸和温度系数参数。

特性:

- 温度系数: C0G (NP0) -55°C 至 +125°C
X7R -55°C 至 +125°C
X5R -55°C 至 +85°C
Y5V -30°C 至 +85°C
- 首选公差: ±5%, 10%, 20%



RoHS Compliant

0101 型

如订购数量大于表中所示, 请来电询价。

贸泽电子料号	AVX料号	温度系数	容值 (pF)	电压	公差 ±	单价			
						1	100	1000	整卷数量 20000
581-01016D101KAT2A	01016D101KAT2A	X5R	100	6.3	10%	2.09	1.11	.44	.305
581-01016D102KAT2A	01016D102KAT2A	X5R	1000	6.3	10%	2.09	1.11	.44	.216
581-01016D103KAT2A	01016D103KAT2A	X5R	0.01μF	6.3	10%	2.09	1.11	.44	.216
581-0101YA120JAT2A	0101YA120JAT2A	C0G	12	16	5%	2.09	1.11	.44	.216
581-0101YA150JAT2A	0101YA150JAT2A	C0G	15	16	5%	2.09	1.11	.44	.216
581-0101YA1R2BAT2A	0101YA1R2BAT2A	C0G	1.2	16	.10pF	4.47	2.47	.983	.685
581-0101YA2R2BAT2A	0101YA2R2BAT2A	C0G	2.2	16	.10pF	4.47	2.47	.983	.685
581-0101YA3R9BAT2A	0101YA3R9BAT2A	C0G	3.9	16	.10pF	4.47	2.47	1.19	1.10
581-0101YA3R9CAT2A	0101YA3R9CAT2A	C0G	3.9	16	.25pF	2.61	1.69	.678	.469

0201 型

如订购数量大于表中所示, 请来电询价。

贸泽电子料号	AVX料号	温度系数	容值 (pF)	电压	公差 ±	单价			
						1	100	1000	整卷数量 15000
581-02013A1R0C	02013A1R0CAT2A	C0G	1.0	25	.25pF	1.49	.969	.484	.328
581-02013A2R7C	02013A2R7CAT2A	C0G	2.7	25	.25pF	1.64	1.19	.678	.41
581-02013A4R7C	02013A4R7CAT2A	C0G	4.7	25	.25pF	1.64	1.19	.678	.41
581-02013A330J	02013A330JAT2A	C0G	33	25	5%	1.49	.969	.484	.328
581-0201YC181K	0201YC181KAT2A	X7R	180	16	10%	1.64	1.19	.678	.41
581-0201YC331K	0201YC331KAT2A	X7R	330	16	10%	1.49	1.19	.484	.231
581-0201YC821K	0201YC821KAT2A	X7R	820	16	10%	1.64	1.19	.678	.41
581-0201YC102K	0201YC102KAT2A	X7R	1000	16	10%	.97	.723	.291	.156
581-0201ZD103KAT2A	0201ZD103KAT2A	X5R	0.01μF	10	10%	.89	.484	.194	.186
581-0201ZG103Z	0201ZG103ZAT2A	Y5V	0.01μF	10	80, ±20	5.36	2.09	1.34	.782
581-02016G473Z	02016G473ZAT2A	Y5V	0.047μF	6.3	80, ±20	4.92	1.64	1.16	.745

0402 型

如订购数量大于表中所示, 请来电询价。

贸泽电子料号	AVX料号	温度系数	容值 (pF)	电压	公差 ±	单价			
						1	100	1000	整卷数量 10000
581-04025A0R5C	04025A0R5CAT2A	C0G	0.5	50	.25pF	.89	.484	.194	.134
581-04023A1R0B	04023A1R0BAT2A	C0G	1.0	25	0.1pF	2.68	1.71	1.27	.432
581-04025A1.0C	04025A1R0CAT2A	C0G	1.0	50	.25pF	1.04	.298	.291	.276
581-04025A1R2C	04025A1R2CAT2A	C0G	1.2	50	.25pF	1.42	.969	.387	.358
581-04025A1R5C	04025A1R5CAT2A	C0G	1.5	50	.25pF	.89	.484	.194	.134
581-04025A2R2C	04025A2R2CAT2A	C0G	2.2	50	.25pF	2.09	1.42	.581	.402
581-04025A2R7C	04025A2R7CAT2A	C0G	2.7	50	.25pF	.89	.484	.194	.134
581-04025A3R0C	04025A3R0CAT2A	C0G	3.0	50	.25pF	.89	.484	.194	.134
581-04025A3R3C	04025A3R3CAT2A	C0G	3.3	50	.25pF	.89	.484	.194	.134
581-04025A3R9C	04025A3R9CAT2A	C0G	3.9	50	.25pF	.89	.484	.194	.134
581-04025A4.7C	04025A4R7CAT2A	C0G	4.7	50	.25pF	2.24	1.45	.581	.402
581-04025A5R6C	04025A5R6CAT2A	C0G	5.6	50	.25pF	.89	.484	.194	.134
581-04025A6R8C	04025A6R8CAT2A	C0G	6.8	50	.25pF	.89	.484	.194	.134
581-04025A100J	04025A100JAT2A	C0G	10	50	5%	.89	.484	.194	.134
581-04025A120J	04025A120JAT2A	C0G	12	50	5%	.89	.484	.194	.134
581-04025A150F	04025A150FAT2A	C0G	15	50	1%	3.20	2.31	1.65	1.11
581-04025A150G	04025A150GAT2A	C0G	15	50	2%	2.91	2.16	1.50	1.02
581-04025A150J	04025A150JAT2A	C0G	15	50	5%	.89	.484	.194	.134
581-04025A180F	04025A180FAT2A	C0G	18	50	1%	3.20	2.31	1.65	1.11
581-04025A180J	04025A180JAT2A	C0G	18	50	5%	.89	.484	.194	.134
581-04023A220K	04023A220KAT2A	C0G	22	25	10%	2.24	1.45	.969	.425
581-04025A220J	04025A220JAT2A	C0G	22	50	5%	.89	.484	.194	.134
581-04025A270J	04025A270JAT2A	C0G	27	50	5%	.89	.484	.194	.134
581-04025A330J	04025A330JAT2A	C0G	33	50	5%	.89	.484	.194	.134
581-04025A390J	04025A390JAT2A	C0G	39	50	5%	.89	.484	.194	.134
581-04025A470J	04025A470JAT2A	C0G	47	50	5%	.89	.484	.194	.134
581-04025A510J	04025A510JAT2A	C0G	51	50	5%	2.24	1.42	.581	.395
581-04025A560J	04025A560JAT2A	C0G	56	50	5%	.89	.484	.194	.134
581-04025A680J	04025A680JAT2A	C0G	68	50	5%	.89	.484	.194	.134
581-04025A820J	04025A820JAT2A	C0G	82	50	5%	2.24	1.45	.581	.402
581-04023A101F	04023A101FAT2A	C0G	100	25	1%	3.50	3.13	2.76	1.08
581-04025A101J	04025A101JAT2A	C0G	100	50	5%	.89	.484	.194	.134
581-04023A151J	04023A151JAT2A	C0G	150	25	5%	2.24	1.45	.894	.447
581-04025A151J	04025A151JAT2A	C0G	150	50	5%	.89	.484	.194	.134
581-04023A181J	04023A181JAT2A	C0G	180	25	5%	2.24	1.45	.969	.425
581-04025A181J	04025A181JAT2A	C0G	180	50	5%	1.86	1.42	1.04	.648
581-04025C331K	04025C331KAT2A	X7R	330	50	10%	2.24	1.45	.581	.402
581-04023C151M	04023C151MAT2A	X7R	150	25	20%	1.04	.484	.343	.261
581-04025C221K	04025C221KAT2A	X7R	220	50	10%	.89	.484	.194	.134
581-04025C241J	04025C241JAT2A	X7R	240	50	5%	3.05	1.84	.82	.499
581-04025C271K	04025C271KAT2A	X7R	270	50	10%	.89	.484	.194	.134
581-04023C471J	04023C471JAT2A	X7R	470	25	5%	3.05	1.84	.82	.596
581-04023C471K	04023C471KAT2A	X7R	470	25	10%	2.24	1.45	.894	.402
581-04025C471J	04025C471JAT2A	X7R	470	50	5%	3.05	1.86	.73	.462
581-04025C471K	04025C471KAT2A	X7R	470	50	10%	.89	.484	.194	.134
581-04023C561J	04023C561JAT2A	X7R	560	25	5%	3.05	1.84	.82	.499
581-04025C561K	04025C561KAT2A	X7R	560	50	10%	.89	.484	.194	.134

尺寸	0101	0201	0402	0603
焊接	仅限回流	仅限回流	仅限回流	仅限回流
封装	全纸	全纸	全纸	纸
(L) 长度	0.40 ± 0.03 (0.016 ± 0.0008)	0.60 ± 0.03 (0.024 ± 0.001)	1.00 ± 0.10 (0.040 ± 0.004)	1.60 ± 0.15 (0.063 ± 0.006)
(W) 宽度	0.20 ± 0.02 (0.008 ± 0.0008)	0.30 ± 0.03 (0.011 ± 0.001)	0.50 ± 0.1 (0.020 ± 0.004)	0.81 ± 0.15 (0.032 ± 0.006)
(t) 厚度	0.10 ± 0.04 (0.004 ± 0.016)	0.15 ± 0.05 (0.006 ± 0.002)	0.25 ± 0.15 (0.010 ± 0.006)	0.35 ± 0.15 (0.014 ± 0.006)
端子				

尺寸: mm (in.)

0402 型 (续)

如订购数量大于表中所示, 请来电询价。

贸泽电子料号	AVX料号	温度系数	容值 (pF)	电压	公差 ±	单价			
						1	100	1000	整卷数量 10000
581-04025C681J	04025C681JAT2A	X7R	680	50	5%	3.05	1.84	.73	.507
581-0402YC681K	0402YC681KAT2A	X7R	680	16	10%	2.24	1.42	.671	.395
581-04023C102J	04023C102JAT2A	X7R	1000	25	5%	3.05	1.84	.82	.596
581-04025C102J	04025C102JAT2A	X7R	1000	50	5%	2.24	1.04	.581	.402
581-04025C102K	04025C102KAT2A	X7R	1000	50	10%	.89	.484	.194	.134
581-04023C152K	04023C152KAT2A	X7R	1500	25	10%	2.24	1.45	.894	.402
581-04025C152K	04025C152KAT2A	X7R	1500	50	10%	2.24	1.45	.581	.402
581-04025C222K	04025C222KAT2A	X7R	2200	50	10%	.75	.387	.149	.112
581-04023C472J	04023C472JAT2A	X7R	4700	25	5%	3.05	1.84	.82	.596
581-04023C472K	04023C472KAT2A	X7R	4700	25	10%	.89	.373	.149	.134
581-04023C682K	04023C682KAT2A	X7R	6800	25	10%	1.04	.298	.283	.276
581-0402YC103J	0402YC103JAT2A	X7R	0.01μF	16	5%	3.05	1.79	.73	.507
581-040216C103K	0402YC103KAT2A	X7R	0.01μF	16	10%	.89	.261	.104	.097
581-0402ZD473K	0402ZD473KAT2A	X5R	.047μF	10	10%	2.98	2.09	1.45	.82
581-040216G104Z	0402YG104ZAT2A	Y5V	0.1μF	16	80, ±20	1.42	.916	.373	.209

0603 型

如订购数量大于表中所示, 请来电询价。

贸泽电子 料号	AVX 料号	温度 系数	容值 (pF)	电 压	容差 ±	单价			
						1	100	1000	整卷
									数量 4000
581-06035A1R0C	06035A1R0CAT2A	C0G	1.0	50	.25pF	1.49	1.04	.335	.186
581-06035A1R5C	06035A1R5CAT2A	C0G	1.5	50	.25pF	1.42	.916	.365	.253
581-06033A2R2C	06033A2R2CAT2A	C0G	2.2	25	.25pF	1.42	.916	.373	.261
581-06035A2R2C	06035A2R2CAT2A	C0G	2.2	50	.25pF	1.49	.916	.365	.253
581-06035A3R3C	06035A3R3CAT2A	C0G	3.3	50	.25pF	1.49	.916	.365	.253
581-06035A4R7J	06035A4R7JAT2A	C0G	4.7	50	5%	3.28	1.94	.894	.656
581-06035A5R0C	06035A5R0CAT2A	C0G	5.0	50	.25pF	1.42	.916	.373	.261
581-06035A6R8J	06035A6R8JAT2A	C0G	6.8	50	5%	3.28	1.94	.894	.656
581-06035A100J	06035A100JAT2A	C0G	10	50	5%	.75	.432	.171	.119
581-06031A100J	06031A100JAT2A	C0G	10	100	5%	1.42	.916	.365	.253
581-06031A100K	06031A100KAT2A	C0G	10	100	10%	.75	.484	.194	.134
581-06035A110J	06035A110JAT2A	C0G	11	50	5%	1.42	.969	.745	.268
581-06035A120J	06035A120JAT2A	C0G	12	50	5%	.75	.261	.112	.104
581-06035A150J	06035A150JAT2A	C0G	15	50	5%	1.42	.484	.194	.179
581-06031A150J	06031A150JAT2A	C0G	15	100	5%	.75	.484	.194	.179
581-06031A150K	06031A150KAT2A	C0G	15	100	10%	1.34	.872	.343	.216
581-06035A180J	06035A180JAT2A	C0G	18	50	5%	.75	.238	.112	.104
581-06031A180J	06031A180JAT2A	C0G	18	100	5%	.75	.484	.194	.179
581-06033A220J	06033A220JAT2A	C0G	22	25	5%	1.42	.291	.224	.179
581-06035A220J	06035A220JAT2A	C0G	22	50	5%	.89	.261	.104	.097
581-06035A220K	06035A220KAT2A	C0G	22	50	10%	1.34	.969	.402	.373
581-06031A220J	06031A220JAT2A	C0G	22	100	5%	.75	.484	.194	.134
581-06035A270J	06035A270JAT2A	C0G	27	50	5%	.89	.261	.104	.097
581-06035A270K	06035A270KAT2A	C0G	27	50	10%	1.34	.969	.402	.338
581-06031A270K	06031A270KAT2A	C0G	27	100	10%	.75	.484	.194	.134
581-06035A330J	06035A330JAT2A	C0G	33	50	5%	.89	.261	.104	.097
581-06031A330J	06031A330JAT2A	C0G	33	100	5%	.75	.484	.194	.134
581-06035A360J	06035A360JAT2A	C0G	36	50	5%	1.42	.969	.745	.246
581-06035A390J	06035A390JAT2A	C0G	39	50	5%	.75	.387	.149	.104
581-06031A390J	06031A390JAT2A	C0G	39	100	5%	1.42	.432	.224	.179
581-06033A470J	06033A470JAT2A	C0G	47	25	5%	1.42	.969	.745	.268
581-06035A470J	06035A470JAT2A	C0G	47	50	5%	.89	.261	.104	.097
581-06031A470K	06031A470KAT2A	C0G	47	100	10%	.75	.484	.194	.134
581-06035A680J	06035A680JAT2A	C0G	68	50	5%	.89	.387	.149	.104
581-06031A680J	06031A680JAT2A	C0G	68	100	5%	1.42	.484	.194	.179
581-06035A750J	06035A750JAT2A	C0G	75	50	5%	1.42	.969	.745	.246
581-06035A820J	06035A820JAT2A	C0G	82	50	5%	.75	.261	.112	.104
581-06035A910J	06035A910JAT2A	C0G	91	50	5%	1.42	.969	.745	.246
581-06033A101K	06033A101KAT2A	C0G	100	25	10%	1.34	.969	.387	.373
581-06035A101J	06035A101JAT2A	C0G	100	50	5%	.89	.261	.104	.097
581-06035A101K	06035A101KAT2A	C0G	100	50	10%	.75	.484	.194	.134
581-06031A101J	06031A101JAT2A	C0G	100	100	5%	.75	.484	.194	.134
581-06031A101K	06031A101KAT2A	C0G	100	100	10%	.75	.484	.194	.134
581-06035A121J	06035A121JAT2A	C0G	120	50	5%	.75	.387	.149	.119
581-06035A151J	06035A151JAT2A	C0G	150	50	5%	.89	.261	.104	.097
581-06031A151J	06031A151JAT2A	C0G	150	100	5%	1.64	1.01	.447	.283
581-06035A181J	06035A181JAT2A	C0G	180	50	5%	.89	.261	.104	.097
581-06033A221K	06033A221KAT2A	C0G	220	25	10%	1.42	.916	.447	.261
581-06035A221J	06035A221JAT2A	C0G	220	50	5%	.75	.261	.149	.127
581-06031A221K	06031A221KAT2A	C0G	220	100	10%	.75	.261	.149	.127
581-06035A271J	06035A271JAT2A	C0G	270	50	5%	.89	.261	.104	.097
581-06035A271K	06035A271KAT2A	C0G	270	50	10%	1.42	1.12	1.04	.261
581-06035A331J	06035A331JAT2A	C0G	330	50	5%	.89	.387	.149	.104
581-06035A331K	06035A331KAT2A	C0G	330	50	10%	1.42	.916	.387	.261
581-06035A391J	06035A391JAT2A	C0G	390	50	5%	.89	.484	.194	.134
581-06033A471J	06033A471JAT2A	C0G	470	25	5%	1.64	.335	.246	.194
581-06033A471K	06033A471KAT2A	C0G	470	25	10%	1.42	.916	.365	.283
581-06035A471J	06035A471JAT2A	C0G	470	50	5%	.89	.387	.149	.104
581-06035A561J	06035A561JAT2A	C0G	560	50	5%	1.27	.484	.343	.261