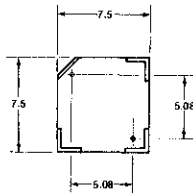
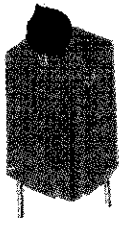


Extended Foil



H. 13 Lead length 4 Lead dia. 0.6

A range of extended foil polystyrene capacitors sealed in an epoxy resin case being resistant to cleaning fluids and are flame retardant. The tower block shape allows for high packing density. Their high stability and low loss characteristics make them particularly suitable in telecom applications.

technical specification

Capacitance tolerance	± 1% or 1.5pF (whichever is greater)
Temperature coefficient	+ 60 ppm/°C
Insulation resistance	> 500,000MΩ
Humidity classification	40/070/56
Rated voltage	63V d.c.

S.S.M. = 5

value pF	stock no.	price each
100	116-206	£0-312 £0-276
150	116-212	£0-312 £0-276
220	116-228	£0-312 £0-276
330	116-234	£0-312 £0-276
470	116-240	£0-312 £0-276
680	116-256	£0-312 £0-276
1000	116-262	£0-312 £0-276
1500	116-278	£0-312 £0-276
2200	116-284	£0-312 £0-276
3300	116-290	£0-312 £0-276
4700	116-307	£0-332 £0-29
6800	116-313	£0-332 £0-29
10000	116-329	£0-332 £0-29

Symbol Guide

- Ⓢ This product may be repaired at a set charge - see conditions of sale/servicing.
- Ⓒ This product may be recalibrated at a fixed charge and supplied with a calibration certificate.
- ⚡ Chemical products not available for Datapost despatch.
- Product will be discontinued when stocks run out.
- Product is subject to design modification in the near future.
- Ⓜ Not available at Trade Counters.
- Ⓐ Product is Zero rated for VAT.
- Ⓜ Not available for Datapost despatch.
- Ⓛ Licensed software.

Precision



Supplied to RS by Philips Components

A range of axial lead capacitors consisting of a low inductance wound unit of metal foil and a polystyrene film. Unit is protected by a green plastic sleeve. Ideal for use in circuits where close tolerance, reliability and low losses are of prime importance.

technical specification

Capacitance tolerance	± 1%
Temperature range	-40° to + 70°C (63V types) -40° to + 85°C (all others)
Temperature coefficient	-125 ± 60 ppm/°C
Insulation resistance	> 100,000MΩ
Tan δ at 1 kHz	≤ 5 × 10 ⁻⁴

Value pF	L	Dia.	Value pF	L	Dia.
47	11	3-8	2200	11	4-5
68	11	3-8	2700	11	4-5
100	11	3-8	3000	11	5
150	11	3-8	3900	11	5
220	11	3-8	4700	15	5
270	11	3-8	6800	15	5-5
330	11	4	8200	15	6
470	11	4-5	10,000	15	5
680	11	4-5	15,000	15	5-5
820	11	4	22,000	15	6-5
1000	11	4	27,000	15	7
1500	11	4	33,000	15	7-5
2000	11	4-5	39,000	15	8

S.S.M. = 5

value pF	stock no.	price each
424 series 63V d.c.		5-45 50-95
10,000	115-310	£0-432 £0-344
15,000	115-326	£0-496 £0-394
22,000	115-332	£0-578 £0-462
27,000	115-348	£0-722 £0-576
33,000	115-354	£0-82 £0-652
39,000	115-360	£0-856 £0-682
425 series 160V d.c.		
1500	115-376	£0-29 £0-232
2000	115-382	£0-306 £0-244
2200	115-398	£0-312 £0-248
2700	115-405	£0-322 £0-254
3000	115-411	£0-328 £0-258
3900	115-427	£0-364 £0-288
4700	115-433	£0-398 £0-318
6800	115-449	£0-434 £0-346
8200	115-455	£0-474 £0-378
426 series 250V d.c.		
820	115-461	£0-29 £0-234
1000	115-477	£0-30 £0-24
427 series 630V d.c.		
47	115-483	£0-29 £0-232
68	115-499	£0-29 £0-232
100	115-506	£0-29 £0-232
150	115-512	£0-29 £0-232
220	115-528	£0-29 £0-232
270	115-534	£0-29 £0-232
330	115-540	£0-29 £0-232
470	115-556	£0-30 £0-24
680	115-562	£0-306 £0-244

Monolithic Ceramic Radial Resin Dipped

A range of low-cost monolithic ceramic capacitors, multi-layered and resin dipped, offering a higher volumetric efficiency compared to other ceramic constructions. Suitable for high density PCB applications in bypass, decoupling, filtering, sample and hold oscillators and timing circuits.

Capacitors marked with a 4 digit code. First two digits are followed by a multiplier i.e. Third digit is the equivalent number of zeroes to be added to give the value in picoFarads. e.g. 222 = 2200 pF (2.2 nF)
220 = 22 pF 104 = 100,000 pF (0.1 μF)
Fourth digit code is tolerance K = ± 10% M = ± 20%, Z = - 20 + 80%

63V Working



lead length 31.7 min.
lead dia. 0.6 max.

Supplied to RS by AVX Kyocera

technical specification

Dielectric	X7R	2F4
Capacitance tol.	± 10%	-20% + 80%
Temp. coeff. max.	± 20%	± 30%
	-20%	-80%
Temperature range	-55°C to + 125°C	-25°C to + 85°C
Dissipation factor max. (at 25°C)	2.5%	3%
Capacitance ageing (per log decade hr)	< 1.5%	< 3%
Insulation resistance	> 10 ¹¹ Ω or 10 ⁹ Ω divided by μF	

Value	Dielectric	W. max.	H. max.	D. max.	Lead spacing
1 nF-3.3 nF	X7R	3-81	5-79	2-54	5-08
4-7 nF-47 nF	X7R	5-08	7-62	3-18	5-08
0-1 μF	2F4	5-08	7-62	3-18	5-08

S.S.M. = 5

value	stock no.	price each
		5-45 50-95
SR17 series		
1 nF	126-477	£0-236 £0-216
2-2 nF	126-483	£0-236 £0-216
3-3 nF	126-499	£0-236 £0-216
4-7 nF	126-506	£0-236 £0-216
SR21 series		
10 nF	126-512	£0-236 £0-216
22 nF	126-528	£0-278 £0-254
33 nF	126-534	£0-294 £0-268
47 nF	126-540	£0-31 £0-282
0-1 μF	126-556	£0-204 £0-186

Request 5 of **956-284** to order the S.S.M. of each item in the range from 1 nF to 0.1 μF.

Popular items in this range are also in a larger pack size (BP). See the 'Stock Number Index and Quantity Price List' at the back of Part 3 for availability and size.

Video Library

The Technical Books and Training section now includes a range of technical training films for maintenance engineers, technicians, students and management.

Need More Information?

The RS Data Library forms a unique source of detailed technical data on thousands of RS products.

Containing hundreds of data sheets written by experienced technical engineers, the RS Data Library expands greatly on our concise catalogue information. The library combines manufacturers' data with 'true hands on' applications experience and the wealth of facilities in the RS laboratory.

Refer to the Technical Books, section 55, for more details.

Part 2
Section
55

How to Order

- ◆ Please order the number of priced units you require of each stock number ensuring that the quantity ordered is divisible by the S.S.M.
- ◆ Products are only available in multiples of the S.S.M.
- ◆ For more information, see the first page of this catalogue

S.S.M. = Standard Supply Multiple

Bulk Pack - Refer to the Stock Number Index and Quantity Price List at the back of Part 3 for availability and size.

Sub-Miniature Radial 105°C



Supplied to by Panasonic

A range of sub-miniature radial lead aluminium electrolytic capacitors with an operating temperature range up to 105°C.

These capacitors feature a solvent resistant encapsulant and are ideal for PCB applications which require high component density.

technical specification

Capacitance tolerance	± 20%
Temperature range	-55°C to + 105°C
Leakage current	10µA = 0.01CV or 3µA whichever is greater
Compatible solvents	Freon-TE, TES, TP35 etc.

	Value	Ripple*	Tan	H.	dia.	Lead dia.	Lead spacing
6.3V	22	47	0.22	7	4	0.45	1.5
	33	70	0.22	7	5	0.45	2
	47	70	0.22	7	5	0.45	2
	100	121	0.22	7	6.3	0.45	2.5
16V	220	190	0.22	7	8	0.45	3.5
	10	47	0.16	7	4	0.45	1.5
	22	70	0.16	7	5	0.45	2
	33	121	0.16	7	6.3	0.45	2.5
35V	7	121	0.16	7	6.3	0.45	2.5
	100	190	0.16	7	8	0.45	3.5
	4.7	47	0.12	7	4	0.45	1.5
	10	70	0.12	7	5	0.45	2
50V	22	121	0.12	7	6.3	0.45	2.5
	33	190	0.12	7	8	0.45	3.5
	4.7	190	0.12	7	8	0.45	3.5
	0.1	1.7	0.10	7	4	0.45	1.5
	0.22	3.6	0.10	7	4	0.45	1.5
	0.33	5.4	0.10	7	4	0.45	1.5
	0.47	7.6	0.10	7	4	0.45	1.5
	1	16	0.10	7	4	0.45	1.5
	2.2	36	0.10	7	4	0.45	1.5
	3.3	47	0.10	7	4	0.45	1.5
	4.7	47	0.10	7	4	0.45	1.5
	10	121	0.10	7	6.3	0.45	2.5
	22	190	0.10	7	8	0.45	3.5

* Ripple current quoted at 100KHz and 105°C

S.S.M. = 5

KG series	value	stock no.	price each
	µF		5-45 50-95
6.3V	22	107-886	£0.22 £0.176
	33	107-882	£0.24 £0.192
	47	107-809	£0.25 £0.20
	100	107-915	£0.282 £0.226
16V	220	107-921	£0.504 £0.402
	10	107-937	£0.22 £0.176
	22	107-943	£0.25 £0.20
	33	107-959	£0.282 £0.226
35V	47	107-965	£0.30 £0.246
	100	107-971	£0.54 £0.434
	4.7	107-987	£0.22 £0.176
	10	107-993	£0.25 £0.20
50V	22	108-003	£0.308 £0.246
	33	108-019	£0.504 £0.402
	47	108-025	£0.542 £0.434
	0.1	108-031	£0.22 £0.176
	0.22	108-047	£0.22 £0.176
	0.33	108-053	£0.22 £0.176
	0.47	108-069	£0.22 £0.176
	1	108-075	£0.22 £0.176
	2.2	108-081	£0.22 £0.176
	3.3	108-097	£0.22 £0.176
	4.7	108-104	£0.246 £0.196
	10	108-110	£0.282 £0.226
	22	108-126	£0.504 £0.402

Popular items in this range are also in a larger pack size (BP). See the 'Stock Number Index and Quantity Price List' at the back of Part 3 for availability and size.

Wire Ended Radial 85°C



Supplied to by Panasonic

A range of fully sleeved radial lead electrolytic capacitors.

technical specification

Capacitance tolerance	± 20%
Temperature range	-40°C to + 85°C
Leakage current, 10µA = 0.01CV or 3µA (whichever is greater)	
V = rated voltage C = rated capacitance in µF	

	Value	Ripple*	Tan	L.	Dia.	Lead Dia.	Lead spacing
16V	10	40	0.16	11	5	0.5	2
	22	75	0.16	11	5	0.5	2
	47	130	0.16	11	5	0.6	2
	100	180	0.16	11.2	6.3	0.6	2.5
35V	220	280	0.16	11.5	8	0.6	3.5
	470	440	0.16	12.5	10	0.6	5
	1000	680	0.16	20	10	0.6	5
	2200	1000	0.18	25	12.5	0.8	5
50V	4.7	35	0.12	11	5	0.5	2
	10	60	0.12	11	5	0.5	2
	22	95	0.12	11	5	0.6	2
	33	110	0.12	11	5	0.6	2
63V	47	130	0.12	11.2	6.3	0.6	2.5
	100	210	0.12	11.5	8	0.6	3.5
	220	350	0.12	12.5	10	0.6	5
	330	440	0.12	16	10	0.6	5
50V	470	550	0.12	20	10	0.6	5
	1000	900	0.12	25	12.5	0.8	5
	2200	1250	0.12	31.5	16	0.8	7.5
	4.7	45	0.1	11	5	0.5	2
63V	10	65	0.1	11	5	0.5	2
	22	100	0.1	11	5	0.6	2
	47	130	0.1	11.2	6.3	0.6	2.5
	100	250	0.1	12.5	8	0.6	3.5
50V	220	600	0.1	16	10	0.6	5
	470	650	0.1	20	12.5	0.8	5
	1	10	0.09	11	5	0.5	2
	2.2	29	0.09	11	5	0.5	2
63V	4.7	45	0.09	11	5	0.5	2
	10	70	0.09	11	5	0.6	2
	22	105	0.09	11.2	6.3	0.6	2.5
	47	160	0.09	11.5	8	0.6	3.5
50V	100	270	0.09	12.5	10	0.6	5
	220	450	0.09	20	10	0.6	5
	470	750	0.09	25	12.5	0.8	5

* Ripple current quoted at 120Hz and 85°C

S.S.M. = 5

SU series	value	stock no.	price each
	µF		5-45 50-95
16V	10	107-303	£0.068 £0.054
	22	107-319	£0.068 £0.054
	47	107-325	£0.068 £0.054
	100	107-331	£0.104 £0.084
35V	220	107-347	£0.138 £0.11
	470	107-353	£0.202 £0.162
	1000	107-369	£0.332 £0.266
	2200	107-375	£0.61 £0.488
50V	4.7	107-381	£0.068 £0.054
	10	107-397	£0.068 £0.054
	22	107-404	£0.068 £0.054
	33	107-410	£0.068 £0.054
63V	47	107-426	£0.104 £0.084
	100	107-432	£0.138 £0.11
	220	107-448	£0.202 £0.162
	330	107-454	£0.25 £0.20
50V	470	107-460	£0.332 £0.266
	1000	107-476	£0.61 £0.488
	2200	107-482	£1.45 £1.16

S.S.M. = 5

SU series	value	stock no.	price each
	µF		5-45 50-95
50V	4.7	107-498	£0.068 £0.054
	10	107-505	£0.068 £0.054
	22	107-511	£0.068 £0.054
	47	107-527	£0.104 £0.084
63V	100	107-533	£0.138 £0.11
	220	107-549	£0.25 £0.20
	470	107-555	£0.53 £0.424
	1	107-561	£0.068 £0.054
50V	2.2	107-577	£0.068 £0.054
	4.7	107-583	£0.068 £0.054
	10	107-599	£0.068 £0.054
	22	107-606	£0.104 £0.084
63V	47	107-612	£0.138 £0.11
	100	107-628	£0.202 £0.162
	220	107-634	£0.33 £0.266
	470	107-640	£0.658 £0.526

Popular items in this range are also in a larger pack size (BP). See the 'Stock Number Index and Quantity Price List' at the back of Part 3 for availability and size.

Micro-Miniature Radial 85°C



Supplied to by Panasonic

A range of low profile micro-miniature radial electrolytic capacitors.

These capacitors are designed for PCB applications which require a minimum component height and are ideal for highly populated circuit boards.

technical specification

Capacitance tolerance	± 20%
Temperature range	-40°C to + 85°C
Leakage current	10µA = 0.01CV or 3µA whichever is greater

	Value	Ripple*	Tan	H.	Dia.	Lead Dia.	Lead spacing
6.3V	22	29	0.24	5	4	0.45	1.5
	33	38	0.24	5	5	0.45	2
	47	46	0.24	5	5	0.45	2
	100	71	0.24	5	6.3	0.45	2.5
16V	330	130	0.24	5	8	0.45	2.5
	10	28	0.16	5	4	0.45	1.5
	22	39	0.16	5	5	0.45	2
	33	60	0.16	5	6.3	0.45	2.5
25V	47	70	0.16	5	6.3	0.45	2.5
	100	91	0.16	5	8	0.45	2.5
	2.2	8	0.14	5	3	0.45	1
	3.3	10	0.14	5	3	0.45	1
35V	4.7	22	0.14	5	4	0.45	1.5
	10	28	0.14	5	5	0.45	2
	22	55	0.14	5	6.3	0.45	2.5
	33	65	0.14	5	6.3	0.45	2.5
50V	3.3	16	0.12	5	4	0.45	1.5
	4.7	22	0.12	5	4	0.45	1.5
	10	30	0.12	5	5	0.45	2
	22	60	0.12	5	6.3	0.45	2.5
63V	33	65	0.12	5	8	0.45	2.5
	47	85	0.12	5	8	0.45	2.5
	0.1	1	0.1	5	4	0.45	1.5
	0.22	2	0.1	5	4	0.45	1.5
50V	0.33	3	0.1	5	4	0.45	1.5
	0.47	5	0.1	5	4	0.45	1.5
	1	10	0.1	5	4	0.45	1.5
	2.2	16	0.1	5	4	0.45	1.5
63V	3.3	16	0.1	5	4	0.45	1.5
	4.7	23	0.1	5	5	0.45	2
	10	35	0.1	5	6.3	0.45	2.5
	22	60	0.1	5	8	0.45	2.5

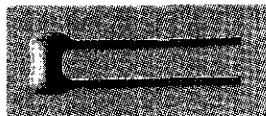
* Ripple current quoted at 120Hz and 85°C

S.S.M. = 5

KS series	value	stock no.	price each
	µF		5-45 50-95
6.3V	22	116-739	£0.10 £0.086
	33	116-745	£0.11 £0.096
	47	116-751	£0.11 £0.096
	100	116-767	£0.13 £0.112
16V	330	116-773	£0.17 £0.146
	10	116-789	£0.10 £0.086
	22	116-795	£0.11 £0.096
	33	116-802	£0.13 £0.112
25V	47	116-818	£0.13 £0.12
	100	116-824	£0.17 £0.146
	2.2	116-830	£0.13 £0.112
	3.3	116-846	£0.13 £0.112
35V	4.7	116-852	£0.10 £0.086
	10	116-868	£0.11 £0.096
	22	116-874	£0.13 £0.112
	33	116-880	£0.14 £0.12
50V	3.3	116-896	£0.10 £0.086
	4.7	116-903	£0.11 £0.096
	10	116-919	£0.11 £0.096
	22	116-925	£0.13 £0.112
50V	33	116-931	£0.17 £0.146
	47	116-947	£0.18 £0.154
	0.1	116-953	£0.10 £0.086
	0.22	116-969	£0.10 £0.086
	0.33	116-975	£0.10 £0.086
	0.47	116-981	£0.10 £0.086
	1	116-987	£0.10 £0.086
	2.2	117-007	£0.10 £0.086
	3.3	117-013	£0.11 £0.096
	4.7	117-029	£0.11 £0.096
10	117-035	£0.13 £0.112	
22	117-041	£0.17 £0.146	

1-90 Capacitors

100V d.c. Working



lead length 31.7 min.
lead diameter 0.6 max.

Supplied to RS by AVX Kyocera

technical specification

	NPO	X7R	2F4
Dielectric	NPO	X7R	2F4
Capacitance tol.	+10%	±10%	±20%
Temp. coeff. max.	±30	-20%	+30%
	p.p.m./°C	-20%	-80%
Temperature range	-55°C to +125°C	-55°C to +125°C	-25°C to +85°C
Dissipation factor max. (at 25°C)	0.15%	2.5%	3%
Capacitance ageing (per log decade hr)	Not applicable	<1.5%	<3%
Insulation resistance >	10 ¹² Ω or 10 ⁹ Ω divided by μF		

value	Dielectric	W. max.	H. max.	D. max.	Lead spacing
10-470 pF	NPO	3-8	3-8	2-5	2-54
1 nF-68 nF	X7R	3-8	3-8	2-5	2-54
10-68 nF	X7R	5-1	5-1	3-2	2-54
0.1 μF	X7R	7-6	7-6	3-8	5-08
0.22-0.68 μF	2F4	7-6	7-6	3-8	5-08
1 μF	2F4	10-1	10-1	3-8	5-08

S.S.M. = 5

value	stock no.	price each	
		5-45	50-95
SR15 series			
10 pF	125-812	£0-204	£0-186
22 pF	125-828	£0-204	£0-186
33 pF	126-629	£0-204	£0-186
47 pF	125-834	£0-204	£0-186
100 pF	125-840	£0-204	£0-186
220 pF	125-856	£0-204	£0-186
330 pF	126-635	£0-204	£0-186
470 pF	125-862	£0-204	£0-186
1 nF	125-749	£0-204	£0-186
2.2 nF	125-755	£0-204	£0-186
3.3 nF	126-196	£0-204	£0-186
4.7 nF	125-761	£0-224	£0-206
6.8 nF	126-203	£0-242	£0-22
SR20 series			
10 nF	125-777	£0-306	£0-278
22 nF	125-783	£0-306	£0-278
33 nF	126-219	£0-318	£0-292
47 nF	125-799	£0-422	£0-362
68 nF	126-225	£0-422	£0-384
SR21 series			
0.1 μF	125-806	£0-592	£0-51
0.22 μF	126-045	£0-77	£0-698
0.33 μF	126-231	£0-84	£0-762
0.47 μF	126-051	£0-872	£0-794
SR30 series			
0.68 μF	126-247	£1-588	£1-464
1 μF	126-067	£1-90	£1-724

Request 5 of **955-742** to order the S.S.M. of each item in the range from 10 pF to 1 μF.

Popular items in this range are also in a larger pack size (BP). See the 'Stock Number Index and Quantity Price List' at the back of Part 3 for availability and size.

Axial Resin Dipped

Supplied to RS by AVX Kyocera

A range of axial lead monolithic ceramic capacitors, multi-layered construction and resin dipped. The design of these capacitors makes them ideal for use in both design/development and volume production.

technical specification

Dielectric	X7R	2F4
Max. working voltage	63 V	63 V
Temperature coefficient	±20%	-30% -80%
Temperature range	-55°C to +125°C	-25°C to +85°C
Insulation resistance	> 100 GΩ	> 10 GΩ
Dissipation factor	2.5%	3%
Capacitance ageing (per time decade)	1.5% typ.	3% typ.

value	Dielectric	L. max.	D. max.	Lead thickness	Tolerance
0.01 μF	X7R	4-32	2-54	0-508	±10%
0.022 μF	X7R	4-32	2-54	0-508	±10%
0.047 μF	2F4	4-32	2-54	0-508	±20%
0.1 μF	2F4	4-32	2-54	0-508	-20 - 80%
0.22 μF	2F4	4-32	3-05	0-508	-20 - 80%
0.33 μF	2F4	4-32	3-05	0-508	-20 - 80%

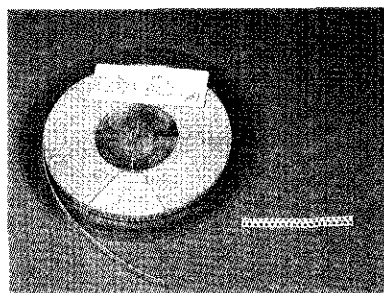
S.S.M. = 10

value	stock no.	price each	
		10-90	100-240
SA10 series			
0.01 μF	126-562	£0-194	£0-132
0.022 μF	126-578	£0-262	£0-183
0.047 μF	126-584	£0-225	£0-153
0.1 μF	126-590	£0-176	£0-12
SA11 series			
0.22 μF	126-607	£0-285	£0-194
0.33 μF	126-613	£0-35	£0-238

Request 10 of **955-290** to order the S.S.M. of each item in the range from 0.01 μF to 0.33 μF.

Popular items in this range are also in a larger pack size (BP). See the 'Stock Number Index and Quantity Price List' at the back of Part 3 for availability and size.

Surface Mount 1206 Format



Supplied to RS by AVX Kyocera

A range of multilayer ceramic chip capacitors in industry standard 1206 format. Available in three dielectrics, highly stable COG/IB, stable high permittivity X7R/2C1 and general purpose Z5U/2F4. Terminations are metallised, silver, with a tin-coated nickel barrier layer to give improved solderability and high resistance to silver leaching. Leadless construction reduces the effects of parasitic inductance giving improved RF performance. Available in a bag containing a 25 piece strip or a 180mm diameter reel containing 3000 pieces except 0.0022 μF and 0.047 μF which are reels of 2500 pieces.

technical specification

value	V.d.c.	dielectric	cap. tol.	op. temp. range	L	W	thickness
0.1 μF	63V	Z5U	±20%	-25 to +85°C	3.45	1.85	
0.22 μF	63V	Z5U	±20%	-25 to +85°C	3.45	1.85	
10pF	100V	COG	±10%	-55 to +125°C	3.45	1.85	
22pF	100V	COG	±10%	-55 to +125°C	3.45	1.85	
33pF	100V	COG	±10%	-55 to +125°C	3.45	1.85	
47pF	100V	COG	±10%	-55 to +125°C	3.45	1.85	
100pF	100V	COG	±10%	-55 to +125°C	3.45	1.85	
220pF	100V	COG	±10%	-55 to +125°C	3.45	1.85	
330pF	100V	COG	±10%	-55 to +125°C	3.45	1.85	
470pF	100V	COG	±10%	-55 to +125°C	3.45	1.85	
0.001 μF	100V	COG	±10%	-55 to +125°C	3.45	1.85	
0.0022 μF	100V	COG	±10%	-55 to +125°C	3.45	1.85	
0.0047 μF	100V	X7R	±10%	-55 to +125°C	3.45	1.85	
0.01 μF	100V	X7R	±10%	-55 to +125°C	3.45	1.85	
0.022 μF	100V	X7R	±10%	-55 to +125°C	3.45	1.85	
0.047 μF	100V	X7R	±10%	-55 to +125°C	3.45	1.85	

S.S.M. = 25

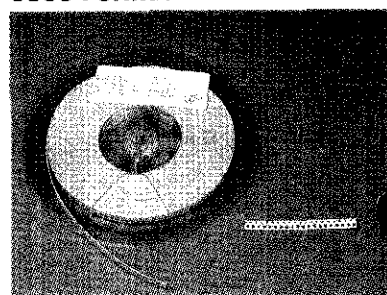
value	stock no.	price each	
		25-75	100-975
63V			
0.1 μF	126-398	£0-056	£0-04
0.22 μF	126-405	£0-088	£0-062
100V			
10pF	126-411	£0-058	£0-042
22pF	126-427	£0-058	£0-042
33pF	126-433	£0-058	£0-042
47pF	126-449	£0-058	£0-042
100pF	126-310	£0-054	£0-038
220pF	126-455	£0-054	£0-038
330pF	126-461	£0-054	£0-038
470pF	126-326	£0-06	£0-044
0.001 μF	126-332	£0-066	£0-046
0.0022 μF	126-348	£0-088	£0-062
0.0047 μF	126-354	£0-066	£0-046
0.01 μF	126-360	£0-066	£0-046
0.022 μF	126-376	£0-102	£0-072
0.047 μF	126-382	£0-102	£0-072

Request 25 of **955-212** to order the S.S.M. of each item from 10 pF to 0.22 μF.

S.S.M. = 1 reel

value	stock no.	price per reel	
		1-4	5-9
63V			
0.1 μF	7C118-044	£93-90	£25
0.22 μF	7C118-050	£146-70	£42
100V			
10pF	7C118-066	£94-50	£73-71
22pF	7C118-072	£94-50	£73-71
33pF	7C118-088	£94-50	£73-71
47pF	7C118-094	£94-50	£73-71
100pF	7C118-101	£91-80	£71-61
220pF	7C118-117	£91-80	£71-61
330pF	7C118-123	£91-80	£71-61
470pF	7C118-139	£99-80	£77-93
0.001 μF	7C118-145	£110-10	£85-89
0.0022 μF	7C118-151	£124-25	£96-92
0.0047 μF	7C118-167	£106-80	£83-30
0.01 μF	7C118-173	£106-80	£83-30
0.022 μF	7C118-189	£173-40	£134-55
0.047 μF	7C118-195	£144-50	£112-72

0805 Format



Supplied to RS by AVX Kyocera

A range of multilayer ceramic chip capacitors in industry standard 0805 format. Available in a bag containing a 25 piece strip or a 180mm diameter reel containing 3000 pieces. These capacitors are ideal for applications which require high performance and reliability and where high PCB densities are required. Nickel barrier terminations.

technical specification

value	V.d.c.	dielectric	cap. tol.	op. temp. range	L	W	thickness
1000pF	63	X7R	±10%	-55 to +125°C	2	1.25	0.7
2200pF	63	X7R	±10%	-55 to +125°C	2	1.25	0.7
4700pF	63	X7R	±10%	-55 to +125°C	2	1.25	0.7
0.1 μF	63	X7R	±10%	-55 to +125°C	2	1.25	1.0
100pF	100	Z5U	±20%	-55 to +125°C	2	1.25	0.7
220pF	100	NPO	±5%	-55 to +125°C	2	1.25	0.7
330pF	100	NPO	±5%	-55 to +125°C	2	1.25	0.7
470pF	100	NPO	±5%	-55 to +125°C	2	1.25	0.7
10000pF	100	X7R	±10%	-55 to +125°C	2	1.25	1.0

S.S.M. = 25

value	stock no.	price each	
		25-75	100-975
63V			
1000pF	117-827	£0-06	£0-03
2200pF	117-833	£0-06	£0-03
4700pF	117-849	£0-06	£0-03
0.1 μF	117-855	£0-064	£0-032
100V			
100pF	117-861	£0-06	£0-03
220pF	117-877	£0-064	£0-032
330pF	117-883	£0-064	£0-032
470pF	117-899	£0-08	£0-04
10000pF	117-906	£0-068	£0-034

S.S.M. = 1 reel

value	stock no.	price per reel	
		1-4	5-9
63V			
1000pF	7C117-912	£69-00	£54-48
2200pF	7C117-928	£69-00	£54-48
4700pF	7C117-934	£70-20	£55-43
0.1 μF	7C117-940	£75-90	£59-96
100V			
100pF	7C117-956	£70-20	£55-46
220pF	7C117-962	£76-80	£60-67
330pF	7C117-978	£76-80	£60-67
470pF	7C117-984	£96-00	£75-86
10000pF	7C117-990	£86-70	£63-75