

CAPACITORS

CERAMIC CAPACITORS



A general range of ceramic NPO & YP5 capacitors. Most capacitors supplied are Brown Ceramic Disc with a 5.01mm lead spacing & 50volt rating. Minimum order quantity is 5 pieces of the same value.

Miniplate types are manufactured by Philips & are 100v rating.

Order No	Description	Type	Volt	Spacing	5+Each
CER1.0	1.0pF Ceramic	NPO	50v	5.08mm	\$0.15
CER1.2	1.2pF Ceramic	-	50v	2.54mm	\$0.12
CER1.5	1.5pF Ceramic	NPO	50v	5.08mm	\$0.12
CER1.8	1.8pF Ceramic	NPO	50v	5.08mm	\$0.12
CER2.2	2.2pF Ceramic	NPO	50v	5.08mm	\$0.12
CER2.7	2.7pF Ceramic	NPO	50v	5.08mm	\$0.12
CER3.3	3.3pF Ceramic	NPO	50v	5.08mm	\$0.12
CER3.3/2	3.3pF Miniplate	NPO	100v	2.54mm	\$0.25ea
CER3.9	3.9pF Ceramic	NPO	50v	5.08mm	\$0.12
CER4.7	4.7pF Ceramic	NPO	50v	5.08mm	\$0.12
CER5.6	5.6pF Ceramic	NPO	50v	5.08mm	\$0.12
CER6.8	6.8pF Ceramic	NPO	50v	5.08mm	\$0.12
CER6.8/2	6.8pF Miniplate	NPO	100v	2.54mm	\$0.25ea
CER8.2	8.2pF Ceramic	NPO	50v	5.08mm	\$0.12
CER10	10pF Ceramic	NPO	50v	5.08mm	\$0.12
CER12	12pF Ceramic	NPO	50v	5.08mm	\$0.12
CER15	15pF Ceramic	NPO	50v	5.08mm	\$0.15
CER18	18pF Ceramic	NPO	50v	5.08mm	\$0.12
CER20	20pF Ceramic	NPO	50v	2.54mm	\$0.10
CER22	22pF Ceramic	NPO	50v	5.08mm	\$0.12
CER22/2	22pF Miniplate	YP5	100v	2.54mm	\$0.25ea
CER27	27pF Ceramic	NPO	50v	5.08mm	\$0.15
CER33	33pF Ceramic	NPO	50v	5.08mm	\$0.12
CER39	39pF Ceramic	NPO	50v	5.08mm	\$0.12
CER47	47pF Ceramic	YP5	50v	5.08mm	\$0.12
CER56	56pF Ceramic	NPO	50v	5.08mm	\$0.12
CER56/2	56pF Miniplate	NPO	100v	2.54mm	\$0.25ea
CER68	68pF Ceramic	NPO	50v	5.08mm	\$0.12
CER82	82pF Ceramic	NPO	50v	5.08mm	\$0.12
CER100	100pF Ceramic	YP5	50v	5.08mm	\$0.12
CER120/2	120pF Miniplate	NPO	100v	2.54mm	\$0.25ea
CER120	120pF Ceramic	YP5	50v	5.08mm	\$0.12

CERAMIC CAPACITORS CONT-

Order No	Description	Type	Volt	Spacing	5+Each
CER150	150pF Ceramic	YP5	50v	5.08mm	\$0.12
CER180	180pF Ceramic	YP5	50v	5.08mm	\$0.12
CER220	220pF Ceramic	YP5	50v	5.08mm	\$0.15
CER270	270pF Ceramic	YP5	50v	5.08mm	\$0.12
CER330	330pF Ceramic	YP5	50v	5.08mm	\$0.12
CER390	390pF Ceramic	YP5	50v	5.08mm	\$0.12
CER470	470pF Ceramic	YP5	50v	5.08mm	\$0.12
CER560	560pF Ceramic	YP5	50v	5.08mm	\$0.12
CER680	680pF Ceramic	YP5	50v	5.08mm	\$0.12
CER820	820pF Ceramic	YP5	50v	5.08mm	\$0.12
CER1n0	1000pF Ceramic	YP5	50v	5.08mm	\$0.12
CER1n5	1500pF Miniplate	YP5	50v	5.08mm	\$0.25
CER1n8	1800pF Miniplate	YP5	50v	5.08mm	\$0.25

HIGH VOLTAGE CERAMIC CAPACITORS



We are now stocking a range of popular high voltage Ceramic capacitors suitable for repairs or radio restoration. Most are suitable to suit FT101Z / FT902 Radios

Order No	Description	Volt	1+Each
CER100/2	100pF Ceramic	6KV	\$1.80
	Yaesu Valve Output		
CER1000/2	1000pF Ceramic	6KV	\$1.90
	Yaesu Valve Output		

CAPACITORS

SILVER MICA CAPACITORS

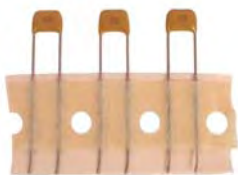


Epoxy resin dipped capacitors ideally suited for decoupling & filtering applications. High Stability -55 to 125 deg C Tolerance +/- 5%

We are now stocking a range of popular high voltage capacitors suitable for repairs or radio restoration. Most are suitable to suit FT101/B/E Radios

Order No	Description	Volt	1+Each	5+Each
CAP/SM27	27pF Silver Mica Cornell Dubilier	500V	\$1.30	
CAP/SM82	82pF Silver Mica Yaesu FT101/B/E	1KV	\$5.20	
CAP/SM150	150pF Silver Mica Yaesu Valve Output	500V	\$2.40	
CAP/SM220	220pF Silver Mica Yaesu Valve Output	500V	\$2.95	
CAP/SM390	390pF Silver Mica Yaesu Valve Output	500V	\$3.95	
CAP/SM500	500pF Silver Mica	500V	\$3.95	
CAP/SM1000	1000pF Silver Mica	500V	\$4.70	

MONOLYTHIC CAPACITORS



Epoxy dipped ceramic multilayer capacitors ideally suited to decoupling & filtering applications. All types are 50volt rating & +/- 10% tolerance. All have 5.01mm lead spacing.

Order No	Description	1+Each	5+Each
MON10n	10nF X7R 100V	\$0.15	\$0.10
MON22n	22nF Monolythic	\$0.20	\$0.18
MON33n	33nF Monolithic	\$0.20	\$0.18
MON47n	47nF Monolythic	\$0.20	\$0.18
MON100n	0.1uF X7R 50V	\$0.15	\$0.10
MON220n	0.22uF Monolythic	\$0.25	\$0.20

RB ELECTROLYTIC CAPACITORS



Most capacitors are long life 105deg C, HITANO Brand. EXR are low impedance types for switching power supplies, TKR are like standard electrolytic types but long life 105deg C

Order No	Description	Volt	1+Each	5+Each
ELC1u	1uF Electro	63v	\$0.15	\$0.12
TAN1u	1uF EXR Elec	100v	\$0.20	\$0.16
ELC2.2u	2.2uF TKR Elec	63v	\$0.26	\$0.23
ELC4.7u	4.7uF Electro	63v	\$0.26	\$0.23
ELC10u	10uF Electro	35v	\$0.28	\$0.23
ELC10TKR25	10uF EXR Elec	25v	\$0.30	\$0.24
ELC22TKR25	22uF TKR Elec	25v	\$0.25	-
TAN33u	33uF EXR Elec	35v	\$0.35	\$0.28
ELC47u	47uF EXR Elec	25v	\$0.35	\$0.28
ELC100u	100uF EXR Elec	35v	\$0.35	\$0.33
ELC220TKR25	220uF TKR Elec	25v	\$0.63	-
ELC470u	470uF EXR Elec	25v	\$0.63	\$0.55
ELC1000u	1000uF Electro	16v	\$0.69	\$0.60
ELC1000TKR25	1000uF TKR Elec	25v	\$1.20	-
HIGH VOLTAGE TYPES				
ELC10TKR450	10uF TKR Elect	450	\$2.10	-
ELC22TKR350	22uF TKR Elect	350	\$2.20	-
ELC33TKR350	33uF TKR Elect	350	\$3.00	-
ELC47TKR250	47uF TKR Elect	250	\$2.70	-

SMD & MINI ELECTROLYTIC CAPACITORS



SME



SSR

Miniature Electrolytic Capacitors that are commonly used in Camcorders etc. Tolerance +/-20% -40 to +80deg C

Order No	Description	Volt	1+Each	5+Each
1SSR50	1uF SMD Electro	50	\$0.20	\$0.18
10SME16	10uF SMD Electro	16v	\$0.21	\$0.18
10SSR25	10uF SMD Electro	25v	\$0.24	\$0.20
22SSR25	22uF Mini Electro	25v	\$0.24	\$0.20
47SME16	47uF SMD Electro	16v	\$0.26	\$0.23
100SSR16	100uF Mini Electro	16v	\$0.32	\$0.26

CAPACITORS

SMD CHIP CAPACITORS



Chip capacitors are supplied in packs of 10 of the same value unless listed as ea prices. Most capacitors are 0603 & 0805 size & rated 50volts with a +/-5% tolerance .

Order No	Description	Size	Price Per 10 pcs
SMD0.47/2	0.47pF NPO Chip	0603	\$1.50
SMD0.56/2	0.56pF NPO Chip	0603	\$1.70
SMD0.68/2	0.68pF NPO Chip	0603	\$1.70
SMD1.0	1.0pF NPO Chip	0805	\$1.50
SMD1.0/2	1.0pF NPO Chip	0603	\$1.70
SMD1.2/2	1.2pF NPO Chip	0603	\$2.00
SMD1.5/2	1.5pF NPO Chip	0603	\$1.70
SMD1.8/2	1.8pF NPO Chip	0603	\$1.70
SMD2.2	2.2pF NPO Chip	0805	\$2.00
SMD2.2/2	2.2pF NPO Chip	0603	\$1.50
SMD2.7/2	2.7pF NPO Chip	0603	\$1.50
SMD3.3	3.3pF NPO Chip	0805	\$1.50
SMD3.3/2	3.3pF NPO Chip	0603	\$1.50
SMD4.7	4.7pF NPO Chip	0805	\$1.00
SMD4.7/2	4.7pF NPO Chip	0603	\$1.70
SMD5.6	5.6pF NPO Chip	0805	\$1.70
SMD5.6/2	5.6pF NPO Chip	0603	\$1.70
SMD6.8	6.8pF NPO Chip	0805	\$2.00
SMD6.8/2	6.8pF NPO Chip	0603	\$1.70
SMD10	10pF NPO Chip	0805	\$0.70
SMD10/2	10pF NPO Chip	0603	\$1.70
SMD12	12pF NPO Chip	0805	\$1.00
SMD15	15pF NPO Chip	0805	\$0.70
SMD15/2	15pF NPO Chip	0603	\$1.70
SMD22	22pF NPO Chip	0805	\$0.70
SMD22/2	22pF NPO Chip	0603	\$2.00
SMD27	27pF NPO Chip	0805	\$1.00
SMD27/2	22pF NPO Chip	0603	\$1.70
SMD33	33pF NPO Chip	0805	\$0.70
SMD39	39pF NPO Chip	0805	\$1.70
SMD39/2	39pF NPO Chip	0603	\$2.00
SMD47	47pF NPO Chip	0805	\$1.00
SMD47/2	47pF NPO Chip	0603	\$0.70
SMD56	56pF NPO Chip	0805	\$1.50
SMD56/2	56pF NPO Chip	0603	\$1.70
SMD68	68pF NPO Chip	0805	\$2.00
SMD68/2	56pF NPO Chip	0603	\$1.70
SMD82	82pF NPO Chip	0603	\$1.00
SMD100	100pF NPO Chip	0805	\$0.70
SMD100/2	100pF NPO Chip	0603	\$0.70
SMD120	120pF NPO Chip	0805	\$1.50
SMD120/2	120pF NPO Chip	0603	\$1.70
SMD150	150pF NPO Chip	0805	\$1.70
SMD150/2	150pF NPO Chip	0603	\$1.70
SMD180	180pF NPO Chip	0805	\$1.70
SMD220	220pF X7R Chip	0805	\$0.70
SMD220/2	220pF X7R Chip	0805	\$2.20

SMD CHIP CAPACITORS CONT-

Order No	Description	Size	Price Per 10 pcs
SMD270	270pF NPO Chip	0805	\$1.50
SMD270/2	270pF NPO Chip	0603	\$0.27ea
SMD330	330 pF NPO Chip	0805	\$2.00
SMD390	390pF NPOChip	0805	\$1.50
SMD470	470pF NPOChip	0805	\$1.00
SMD470/2	470pF NPO Chip	0603	\$1.70
SMD560	560pF NPO Chip	0805	\$1.50
SMD680	680pF NPO Chip	0805	\$1.50
SMD820	820pF NPO Chip	0805	\$2.00
SMD1n0	1000pF X7R Chip	0805	\$0.70
SMD1n0/2	1000pF X7R Chip	0603	\$0.70
SMD1n8	1800pF Chip	1206	\$1.50
SMD1n8/2	1800pF X7R Chip	0603	\$0.30ea
SMD3n3/2	3300pF X7R Chip	0603	\$2.00
SMD4n7/2	4700pF X7R Chip	0603	\$2.20
SMD0.01u	10nF X7R Chip	0805	\$0.70
SMD10n/2	10nF X7R Chip	0603	\$1.70
SMD22n/2	22nF X7R Chip	0603	\$2.20
SMD330n	330nF X7R Chip	0805	\$0.30ea
SMD0.1u/2	0.1uF X7R Chip	0603	\$0.70
SMD0.1u/3	0.1uF X7R Chip	0805	\$0.70
SMD1.0u	1uF 25V NP Chip	0805	\$2.00
SMD1.0u/3	1uF 10V NP Chip	0805	\$0.57ea

SMD PORCELAIN CHIP CAPACITORS



A range of Microwave ATC Porcelain Chip capacitors that are suitable for RF signal paths & bypassing in Microwave equipment where low loss is required.

Order No	Description	Size	Each
ATC1.0	1.0pF Chip Cap	50mil	\$3.00
ATC5.1	5.1pF Chip Cap	100mil	\$3.00
ATC8.2	8.2pF Chip Cap	50mil	No Longer Stocking

Use CM10-0805 below

SMD MICA CHIP CAPACITORS



Cornell Dubilier MC08 series Mica RF Chip Capacitors that are suitable for RF signal paths & bypassing in Microwave equipment where low loss is required.

Tol +/- 5%, -55 to +125 deg C

Order No	Description	Volt	Size	Each
CM5/0805	5pF Mica	100	0805	\$2.20
CM10/0805	10pF Mica	100	0805	\$2.05

CAPACITORS

SMD TANTALUM CAPACITORS



T495 series is low ESR. Low ESR T495 Capacitors are suitable for Switching Power supply Filtering. Band indicates +Ve Terminal. Voltage rating is at 85deg C. T491 are standard types for general purpose use.

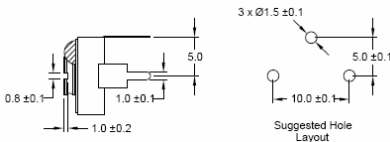
Order No	Description	Volt	1+Each	5+Each
3.3SMT25	3.3uF 6 x 3.2mm	25v	\$0.25	\$0.225
10SMT20	10uF 6 x 3.2mm	20v	\$0.35	\$0.28
	AVX TAJC106K020RNJ			
47SMT16	47uF 6 x 3.2mm	16v	\$0.55	\$0.44
	KEMET T491C476K016AT			
100SMT16	100uF 7.3 x 4.3mm	16v	\$1.96	\$1.57
	KEMET T495 Low ESR			

CERAMIC TRIMMER CAPACITORS



TRIM04-07

Trim 04, 05, 06 & 07 are new stock items. Working voltage is 500VDC, dielectric rating 250VDC. All are suitable for new projects or replacements for older Radio transceivers. These will specifically fit the Yaesu FT101 series Radios.



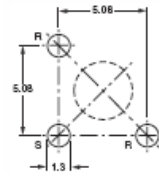
Order No	Description	Each	5+each
TRIM04	2-12pF 3 leg 7mm dia Ceramic Trimmer NPO	\$1.60	\$1.28
TRIM05	2.5-23pF 3 leg 7mm dia Ceramic Trimmer N450	\$1.70	\$1.36
TRIM06	5-55pF 3 leg 7mm dia Ceramic Trimmer N1400	\$2.25	\$1.80
TRIM07	8.5-100pF 3 leg 7mm dia Ceramic Trimmer N2200	\$1.50	\$1.20
TRIM08	4.5-20pF 3 leg 7mm dia Ceramic Trimmer Temp Unknown Surplus stock	\$0.22	\$0.175



TRIM14

Order No	Description	Each	5+each
TRIM14	3.5-20pF 2 leg 5mm dia & leg spacing, N750 +/- 300	\$1.95	\$1.56

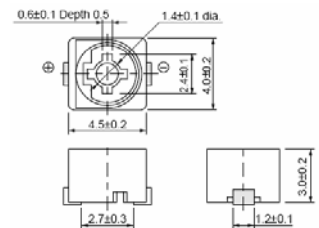
808 SERIES TRIMMER CAPACITORS



Vishay BC Components 808 series film dielectric trimmer capacitors, suitable for HF to VHF construction. These are top adjustment, Polypropylene dielectric, & rated at 250 VDC. As used in the VHF Preamplifier Kit.

Order No	Description	1+Each	5+Each
TRIM01	1.4-5.5pF Grey 7.5mm body	\$0.85	\$0.72
TRIM02	2-10pF Yellow 7.5mm body	\$0.95	\$0.80
TRIM03	2-22pF Green 7.5mm body	\$1.40	\$1.19

MURATA SMD TRIMMER CAPACITORS

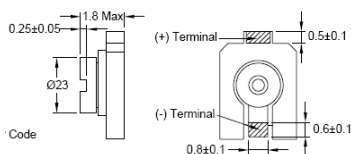


These TZB4 series Murata trimmers are a New stock item. The NPO types are suitable for use in oscillator circuits but can also be used in low powered Amplifiers. Size is 4mm wide x 4.5mm long. Height is 3mm. Working voltage is 100VDC. Please refer to the Murata Data Sheet for further information. www.murata.com/catalog/t13e.pdf

Order No	Description	1+Each	5+Each
TRIM15	3-10pF NPO 5mm Trim Cap TZB4Z100AA10R00	\$1.35	\$1.08
TRIM16	4-25pF NPO 5mm Trim Cap TZB4Z250AA10R00	\$2.30	\$1.84

CAPACITORS

SMD TRIMMER CAPACITORS



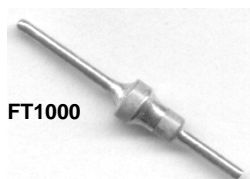
These Trimmers are a New stock item. They are suitable for tuning RF circuits including low powered Amplifiers. Size is 3.2mm wide x 4.5mm long. Height is 1.8mm. Working voltage is 100VDC.

Order No	Description	1+Each	5+Each
TRIM13	2.5-5.0pF Q 500 min NPO +/-300ppm/degC	\$1.00	\$0.90

FEEDTHROUGH CAPACITORS



FT2200



FT1000

Order No	Description	Each
FT1000	1nF 400v Feedthrough	\$0.20
FT2200	1nF Feedthrough	\$0.55

Feedthrough Capacitors are now very difficult to source. **A Maximum Quantity of 5 pcs of one type Per Order applies.**