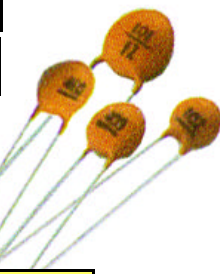


CAPACITORS

CERAMIC DISC

Low voltage ceramic disc capacitors are well suited for use at RF frequencies as tuning elements and bypass capacitors, due to their low inherent inductance.

Temp range -30°C ~ +55°C
Voltage 50VDC
Tolerance ?20%



Part Number	Part Number	Part Number	Part Number
TL1PF	TL10PF	TL100PF	
TL1.2PF	TL12PF	TL120PF	TL1NF
TL1.5PF	TL15PF	TL150PF	TL1.2NF
TL1.8PF	TL18PF	TL180PF	TL1.5NF
TL2.2PF	TL22PF	TL220PF	TL1.8NF
TL2.7PF	TL27PF	TL270PF	TL2.2NF
TL3.3PF	TL33PF	TL330PF	TL3.3NF
TL3.9PF	TL39PF	TL390PF	TL3.9NF
TL4.7PF	TL47PF	TL470PF	TL4.7NF
TL5.6PF	TL56PF	TL560PF	TL5.6NF
TL6.8PF	TL68PF	TL680PF	TL6.8NF
TL8.0PF	TL82PF	TL820PF	TL8.2NF

Available in 2.5mm (0.1") And 5.0mm (0.2") spacing

Part Number	Part Number
TL10NF	TL10NF
TL22NF	TL22NF
TL33NF	TL33NF
TL47NF	TL47NF
TL10UF	TL10UF

CERAMIC MINIATURE PLATE

NPO and N750 miniature plate ceramic capacitors with a wide variety of uses in tuning circuit and filters where temperature compensating is required.

Temp range -55°C ~ +85°C
Voltage 100VDC
Tolerance ?2%



Part Number	Part Number	Part Number	Part Number
NPO1PF	NPO10PF	NPO100PF	NPO1NF
NPO1.2PF	NPO12PF	NPO120PF	NPO1.2NF
NPO1.5PF	NPO15PF	NPO150PF	NPO1.5NF
NPO1.8PF	NPO18PF	NPO180PF	NPO1.8NF
NPO2.2PF	NPO22PF	NPO220PF	NPO2.2NF
NPO2.7PF	NPO27PF	NPO270PF	NPO2.7NF
NPO3.3PF	NPO33PF	NPO330PF	NPO3.3NF
NPO3.9PF	NPO39PF	NPO390PF	NPO3.9NF
NPO4.7PF	NPO47PF	NPO470PF	NPO4.7NF
NPO5.6PF	NPO56PF	NPO560PF	NPO5.6NF
NPO6.8PF	NPO68PF	NPO680PF	NPO6.8NF
NPO8.2PF	NPO82PF	NPO820PF	NPO8.2NF

Available in 2.5mm (0.1") And 5.0mm (0.2") spacing

Part Number	Part Number
NPO10NF	NPO10NF
NPO22NF	NPO22NF

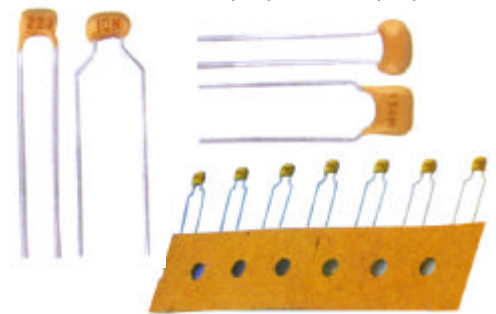
CERAMIC - MULTILAYER

Low profile monolithic ceramic capacitors, offering a higher volumetric efficiency compared to other ceramic capacitors. Suitable for high density PCB application in bypass, coupling, filtering, sample and hold oscillators and timing circuits.

Temp Coefficient
NPO: ?20ppm/°C . -55°C ~ +125°C
X7R: ?20% . -55°C ~ +125°C
Z5U: ?22 to ?56? . -25°C ~ +85°C

Part Number	Value	Style	Voltage	Part Number	Value	Style	Voltage
TM10PF	10pF	NPO	100V	TM1NF	1nF	X7R	100V
TM15PF	15pF	NPO	100V	TM1.2NF	1.2nF	X7R	100V
TM18PF	18pF	NPO	100V	TM1.5NF	1.5nF	X7R	100V
TM22PF	22pF	NPO	100V	TM1.8NF	1.8nF	X7R	100V
TM27PF	27pF	NPO	100V	TM2.2NF	2.2nF	X7R	100V
TM33PF	33pF	NPO	100V	TM3.3NF	3.3nF	X7R	100V
TM39PF	39pF	NPO	100V	TM4.7NF	4.7nF	X7R	100V
TM47PF	47pF	NPO	100V	TM6.8NF	6.8nF	X7R	100V
TM56PF	56pF	NPO	100V	TM10NF	10nF	Z5U	50V
TM68PF	68pF	NPO	100V	TM10NF/X7R	10nF	X7R	100V
TM82PF	82pF	NPO	100V	TM10NF/AXIAL	10nF	Z5U	50V
TM100PF	100pF	NPO	100V	TM22NF	22nF	X7R	50V
TM150PF	150pF	NPO	100V	TM33NF	33nF	X7R	50V
TM220PF	220pF	NPO	100V	TM47NF	47nF	Z5U	50V
TM270PF	270pF	NPO	100V	TM47NF/X7R	47nF	X7R	100V
TM330PF	330pF	NPO	100V	TM0.1/L	100nF	Z5U	50V
TM390PF	390pF	NPO	100V	TM0.1/TR	100nF	Z5U	50V
TM470PF	470pF	NPO	100V	TM0.1UF/X7R	100nF	X7R	50V
TM680PF	680pF	NPO	100V	TM0.1UF/X7R/100V	100nF	X7R	100V
TM820PF	820pF	NPO	100V	TM0.1AXIAL	100nF	Z5U	50V

Available in two Lead Pitch Spacing 2.5mm(0.1") and 5.0mm(0.2")



Part Number	Value	Style	Voltage
TMO.12UF	120nF	X7R	50V
TMO.15UF	150nF	X7R	50V
TMO.22UF	220nF	X7R	50V
TMO.33UF	330nF	Z5U	50V
TMO.47UF	470nF	Z5U	50V
TM1UF	1uF	Z5U	50V

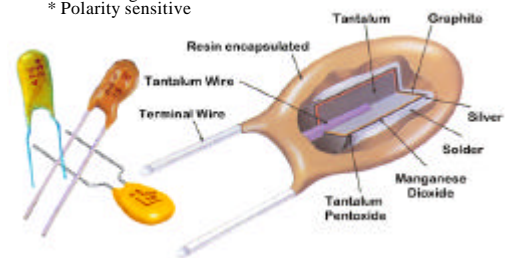
TANTALUM

Solid Tantalum resin dipped, suitable for coupling and bypassing, filters timing circuits and general applications. Specially designed for general purpose, domestic appliance and consumer applications.

* Small size
* Wide frequency range
* Low leakage current
* Extra long life
* Polarity sensitive
Temp range : -55°C ~ +85°C
Tolerance : ?10% /20%

Available in two Lead Pitch Spacing 2.5mm(0.1") and 5.0mm(0.2")

Part Number	Value	Voltage	Part Number	Value	Voltage
TAG0.1/35V	0.1uF	35V	TAG15/16V	15uF	16V
TAG0.22/35V	0.22uF	35V	TAG15/25V	15uF	25V
TAG0.33/35V	0.33uF	35V	TAG22/16V	22uF	16V
TAG0.47/35V	0.47uF	35V	TAG22/25V	22uF	25V
TAG1/35V	1uF	35V	TAG22/35V	22uF	35V
TAG1.5/35V	1.5uF	35V	TAG33/10V	33uF	10V
TAG2.2/25V	2.2uF	24V	TAG33/16V	33uF	16V
TAG2.2/35V	2.2uF	35V	TAG33/25V	33uF	25V
TAG3.3/25V	3.3uF	25V	TAG33/35V	33uF	35V
TAG3.3/35V	3.3uF	35V	TAG47/6.3V	47uF	6.3V
TAG4.7/16V	4.7uF	16V	TAG47/16V	47uF	16V
TAG4.7/25V	4.7uF	25V	TAG47/25V	47uF	25V
TAG4.7/35V	4.7uF	35V	TAG47/35V	47uF	35V
TAG6.8/16V	6.8uF	16V	TAG68/16V	68uF	16V
TAG6.8/25V	6.8uF	25V	TAG100/6.3V	100uF	6.3V
TAG6.8/35V	6.8uF	35V	TAG100/16V	100uF	16V
TAG10/16V	10uF	16V			
TAG10/25V	10uF	25V			
TAG10/35V	10uF	35V			



CONVERSION TABLE

0.00001uF =	0.001nF =	1pF
0.0001uF =	0.01nF =	10pF
0.0001uF =	0.1nF =	100pF
0.001uF =	1nF =	1,000pF
0.01uF =	10nF =	10,000pF
0.1uF =	100nF =	100,000pF
1uF =	1,000nF =	1,000,000pF
10uF =	10,000nF =	10,000,000pF
100uF =	100,000nF =	100,000,000pF