

Features

- Small size, light weight and low cost
- High stability and reliability
- Dissipation factor is small because the leads are directly welded to electrodes
- Widely used in DC and pulsating circuits of radio, communication TV sets and various electronic equipments



Configuration

They are inductive, wound with polyester film as the dielectric and aluminum foil as the electrode with copper-clad steel leads and epoxy resin coating.

Specifications & Outline Drawing

Rated Voltage	50V, 100V, 250V, 400V, 630V, 1000V, 1200V	
Capacitance Range	0.001~0.47 μ F	
Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M)	
Voltage Proof	$2U_R(5s)$	
Dissipation Factor	$\leq 1.0\%$ (20°C, 1kHz)	
Temperature Range	-40°C to +85°C	
Insulation Resistance (20°C, 1min)	$\geq 30000M \Omega$ (CR $\leq 0.1 \mu$ F) $\geq 10000s$ (CR $> 0.1 \mu$ F)	

Dimensions

Cap μ F	50VDC				100VDC				250VDC			
	W(mm)	T(mm)	H(mm)	P(mm)	W(mm)	T(mm)	H(mm)	P(mm)	W(mm)	T(mm)	H(mm)	P(mm)
0.0010	5.5	3.5	7.5	3.5	6.0	3.5	10.5	3.5	6.5	4.0	11.0	3.5
0.0012	5.5	3.5	7.5	3.5	6.0	3.5	10.5	3.5	6.5	4.0	11.0	3.5
0.0015	5.5	3.5	7.5	3.5	6.0	3.5	10.5	3.5	6.5	4.0	11.0	3.5
0.0018	5.5	3.5	7.5	3.5	6.0	3.5	10.5	3.5	6.5	4.0	11.0	3.5
0.0022	5.5	3.5	7.5	3.5	6.0	3.5	10.5	3.5	6.5	4.0	11.0	3.5
0.0027	5.5	3.5	7.5	3.5	6.0	3.5	10.5	3.5	6.5	4.0	11.0	3.5
0.0033	5.5	3.5	7.5	3.5	6.0	3.5	10.5	3.5	6.5	4.0	11.0	3.5
0.0039	5.5	3.5	7.5	3.5	6.0	3.5	10.5	3.5	6.5	4.0	11.0	3.5
0.0047	5.5	3.5	7.5	3.5	6.0	3.5	10.5	3.5	6.5	4.0	11.0	3.5
0.0056	5.5	3.5	7.5	3.5	6.0	4.0	10.5	3.5	7.0	4.0	11.0	5.0
0.0068	5.5	3.5	7.5	3.5	6.0	4.0	11.5	3.5	7.0	4.0	11.0	5.0
0.0082	5.5	3.5	7.5	3.5	6.5	4.0	11.5	5.0	8.0	4.0	13.0	5.0
0.0100	6.0	3.5	9.5	3.5	6.5	4.0	11.5	5.0	8.0	4.0	13.0	5.0
0.0120	6.0	3.5	9.5	3.5	6.5	4.0	11.5	5.0	8.5	5.0	13.5	5.0
0.0150	6.0	3.5	9.5	3.5	7.5	4.0	12.0	5.0	8.5	5.0	13.5	5.0
0.0180	6.5	3.5	9.5	4.0	7.5	4.0	12.0	5.0	9.0	5.7	14.0	5.0

CAPACITOR TYPE	VOLTAGE CODE	TOLERANCE CODE	CAPACITANCE (PF)	LEAD STYLE	LEAD SPACING
M E F	4 0 0	K	1 5 3	B	1 0

TYPE
MMT
EM7
MEF
DME
MEM
MEA
MET
MEY
PEI
PEN
MPP
MPM
MPT
MPA
MPX
MY2
PPN
PPT
PPS
X1/Y1
X1/Y2
AME
MEV
QPC
AMP

CODE	RATED VOLTAGE
050	50 Vdc
063	63 Vdc
100	100 Vdc
125	125 Vdc
160	160 Vdc
200	200 Vdc
250	250 Vdc
400	400 Vdc
500	500 Vdc
600	600 Vdc
630	630 Vdc
800	800 Vdc
102	1000 Vdc
152	1500 Vdc
162	1600 Vdc
252	2500 Vdc
1AC	125 VAC
2AC	275 VAC
3BC	300 VAC
3AC	310 VAC
2CC	350 VAC
4AC	400 VAC
4BC	450 VAC

CODE	TOLERANCE
G	±2%
J	±5%
K	±10%
M	±20%

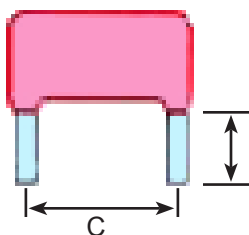
CODE	CAPACITANCE	
102	0.001µF	1,000PF
472	0.0047µF	4,700PF
103	0.01µF	10,000PF
153	0.015µF	15,000PF
334	0.33µF	330,000PF
104	0.1µF	100,000PF
684	0.68µF	680,000PF
105	1.0µF	1,000,000PF
475	4.7µF	4,700,000PF
186	18µF	18,000,000PF

CODE	LEAD SPACING
3	3.0 mm
3.5	3.5 mm
4	4.0 mm
5	5.0 mm
6	6.0 mm
7	7.0 mm
7.5	7.5 mm
8	8.0 mm
9	9.0 mm
10	10.0 mm
15	15.0 mm
20	20.0 mm
22.5	22.5 mm
27.5	27.5 mm

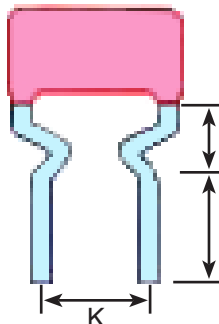
CODE	LEAD PACKING STYLE	CODE(7) SPECIFIED AS:
A	TAPE / AMMO	LEAD SPACING(P)
B	STANDARD BULK	LEAD SPACING (P)
T	TAPE & REEL STANDARD LEAD SPACING ON TAPED PART IS 5mm SPECIAL 7.5mm AND 10mm SPECIFY LEAD SPACING	NOT APPLICABLE IF STANDARD
TA	AXIAL LEAD TAPING	NOT APPLICABLE
C	CUTTING BULK NOTE LEAD SPACING IS PART OF THE DESCRIPTION	LEAD LENGHT
F	FORMING BULK	LEAD SPACING (P)
K	KINKED BULK	LEAD SPACING (P)
X	SPECIAL LEAD CONFIGURATION	CONSULT FACTORY

FORMING AND CUTTING

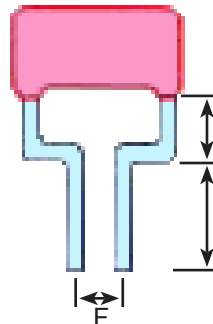
(A) CUTTING STYLE



(B) KINK STYLE



(C) FORMING STYLE



(D) CUSTOM-MADE

Technical expertise available to design and produce items of special requirements to customers satisfaction.

(UNITS: mm)