

# POLYESTER FILM CAPACITOR

## TYPE : PEN

(NON-INDUCTIVE, EPOXY COATED)

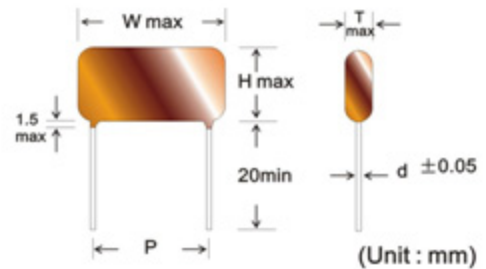
1. Low dissipation factor.
2. Small size.
3. Non-inductive.
4. High stability and reliability.



### SPECIFICATIONS:

OPERATING TEMPERATURE	-40 ~ +85°C
RATED VOLTAGE	100, 160, 250, 400, 630V.D.C
CAPACITANCE RANGE	0.0068 ~ 0.47 $\mu$ F
DIELECTRIC STRENGTH	250% or rated voltage for 5 sec.
CAPACITANCE TOLERANCE	$\pm$ 5% (J) $\pm$ 10% (K)
INSULATION RESISTANCE	50,000M $\Omega$ min at 25°C
DISSIPATION FACTOR	1%MAX. at 1KHZ

### TYPE : PEN



$\mu$ F	RV SIZE	100V	160V	250V	400V	630V
.0068					B-2	C-2
.0082				B-1	B-2	C-2
.01				B-1	B-2/C-2	C-2
.012				B-1	C-2	C-3
.015				B-1	C-2	C-3
.018				B-1	C-2	C-4
.022			B-2	B-2/C-2	C-3	C-4
.027			B-2	B-2/C-2	C-3	D-1
.033	B-2	B-2	C-2	C-2	C-4	D-1
.039	B-2	B-2	C-2	C-2	C-4	D-2
.047	B-2/C-2	C-2	C-2	C-3	C-4	D-2
.056	B-2/C-2	C-2	C-2	C-3	D-1	D-4
.068	C-2	C-3	C-3	C-3	D-2	D-4
.082	C-2	C-3	C-3	C-4	D-2	D-4
.1	C-3	C-4	C-4	C-5	D-4	D-4
.12	C-3	C-4	C-4	D-1	D-4	
.15	C-4	C-4	C-4	D-2	D-4	
.18	C-5	D-2	D-2	D-2		
.22	C-5	D-2	D-2	D-4		
.27	D-2	D-2				
.33	D-2	D-4				
.39	D-4					
.47	D-4					

CODE	W	H	T	P
A-2	8.0	8.0	4.0	5.0
B-1	10.5	8.0	4.0	7.5
B-2	11.0	10.0	5.0	7.5
C-2	13.0	10.0	5.0	10.0
C-3	13.0	11.0	6.0	10.0
C-4	13.0	13.0	7.0	10.0
C-5	13.0	15.0	8.0	10.0
D-1	18.0	12.0	6.0	15.0
D-2	18.0	13.5	7.0	15.0
D-3	18.0	15.0	8.0	15.0
D-4	18.5	16.5	9.5	15.0

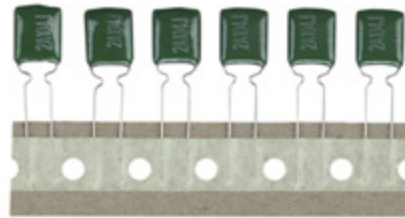
Please contact us for special case or size items not listed.

## POLYESTER FILM CAPACITOR

### TYPE : PEI

(CQ92MC, INDUCTIVE, EPOXY COATED)

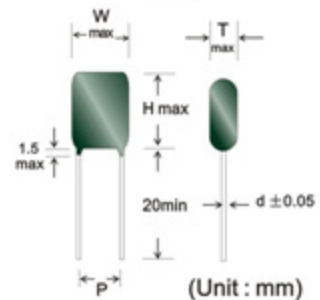
1. The leads are electrically welded to electrodes.
2. High density thermosetting epoxy resin enhance mechanical strength and humidity resistance
3. High stability and reliability.
4. Widely used in computer equipment such as television sets, radio, tape-recorders and stereophonic apparatuses.
5. The cost is low.



### SPECIFICATIONS:

OPERATING TEMPERATURE	-40 ~ +85°C
RATED VOLTAGE	50, 100, 250, 400, 630V.D.C
CAPACITANCE RANGE	0.001 ~ 0.47 $\mu$ F
DIELECTRIC STRENGTH	250% or rated voltage for 5 sec.
CAPACITANCE TOLERANCE	$\pm$ 5% (J) $\pm$ 10% (K)
INSULATION RESISTANCE	50,000M $\Omega$ min at 25°C
DISSIPATION FACTOR	1%MAX. at 1KHZ

### TYPE : PEI



CAPACITANCE	1H(50VDC)2A(100VDC)					2E(250VDC)					2G(400VDC)					2J(630VDC)										
	Symbol	$\mu$ F	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$				
102	0.001	5.5	11.0	3.0	3.5	0.5	5.5	11.0	3.0	3.5	0.5	5.5	11.0	3.0	3.5	0.5	5.5	11.0	3.0	3.5	0.5	5.5	11.0	3.0	3.5	0.5
122	0.0012	5.5	11.0	3.0	3.5	0.5	5.5	11.0	3.0	3.5	0.5	5.5	11.0	3.0	3.5	0.5	5.5	11.0	3.0	3.5	0.5	5.5	11.0	3.0	3.5	0.5
152	0.0015	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5
222	0.0022	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5
272	0.0027	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5
332	0.0033	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	6.0	11.0	3.5	4.0	0.5	6.0	11.0	3.5	4.0	0.5
392	0.0039	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	5.5	11.0	3.5	3.5	0.5	6.0	11.0	3.5	4.0	0.5	6.0	11.0	3.5	4.0	0.5
472	0.0047	6.0	11.0	3.5	4.0	0.5	6.0	11.0	3.5	4.0	0.5	6.0	11.0	3.5	4.0	0.5	6.0	11.0	4.0	4.0	0.5	7.0	11.5	4.5	4.0	0.5
562	0.0056	6.0	11.0	3.5	4.0	0.5	6.0	11.0	3.5	4.0	0.5	6.0	11.0	3.5	4.0	0.5	7.0	11.5	4.5	4.0	0.5	7.0	11.5	4.5	4.0	0.5
682	0.0068	6.0	11.0	3.5	4.0	0.5	6.5	11.0	3.5	4.0	0.5	6.5	11.0	3.5	4.0	0.5	7.5	12.5	4.5	4.5	0.5	7.5	12.5	4.5	4.5	0.5
822	0.0082	6.5	11.0	3.5	4.0	0.5	6.5	11.0	3.5	4.5	0.5	6.5	12.5	3.5	4.5	0.5	7.5	12.5	4.0	2.0	0.5	7.5	12.5	4.0	2.0	0.5
103	0.01	6.5	11.0	3.8	4.5	0.5	6.5	12.5	3.5	4.5	0.5	6.5	12.5	4.0	4.5	0.5	7.5	12.5	4.0	5.0	0.5	7.5	12.5	4.0	5.0	0.5
123	0.012	6.5	12.5	3.8	4.5	0.5	6.5	12.5	3.5	4.5	0.5	7.0	12.5	4.0	5.0	0.5	8.0	13.5	4.5	5.0	0.5	8.0	13.5	4.5	5.0	0.5
153	0.015	6.5	12.5	3.8	4.5	0.5	7.0	12.5	3.5	4.5	0.5	7.0	12.5	4.0	5.0	0.5	8.0	13.5	4.5	5.0	0.5	8.0	13.5	4.5	5.0	0.5
183	0.018	6.5	12.5	3.8	4.5	0.5	7.0	12.5	3.5	5.0	0.5	7.5	12.5	4.5	5.5	0.5	8.5	13.5	4.5	5.5	0.5	8.5	13.5	4.5	5.5	0.5
223	0.022	7.0	12.5	4.0	5.0	0.5	7.0	12.5	4.0	5.0	0.5	8.0	13.5	4.5	5.5	0.5	9.0	13.5	4.5	6.0	0.5	9.0	13.5	4.5	6.0	0.5
273	0.027	7.0	12.5	4.0	5.0	0.5	7.0	12.5	4.0	5.0	0.5	8.0	13.5	4.5	5.5	0.5	9.5	13.5	4.5	7.0	0.5	9.5	13.5	4.5	7.0	0.5
333	0.033	7.0	12.5	4.0	5.0	0.5	7.5	12.5	4.0	5.5	0.5	8.5	13.5	5.0	6.0	0.5	10.5	14.5	5.0	8.0	0.5	10.5	14.5	5.0	8.0	0.5
393	0.039	7.5	12.5	4.0	5.0	0.5	8.5	12.5	4.5	6.0	0.5	9.0	13.5	5.0	6.5	0.5	11.0	14.5	5.0	8.5	0.5	11.0	14.5	5.0	8.5	0.5
473	0.047	7.5	12.5	4.0	5.5	0.5	9.0	12.5	5.0	6.5	0.5	9.5	14.5	5.5	6.5	0.5	11.5	15.5	5.5	8.5	0.5	11.5	15.5	5.5	8.5	0.5
563	0.056	8.0	12.5	4.0	6.0	0.5	9.0	13.5	5.5	7.0	0.5	10.0	15.5	5.5	6.5	0.5	12.0	15.5	6.0	9.0	0.5	12.0	15.5	6.0	9.0	0.5
683	0.068	8.0	12.5	4.0	6.0	0.5	9.5	13.5	5.5	7.5	0.5	11.0	15.5	6.0	7.0	0.5	12.5	15.5	6.5	9.0	0.5	12.5	15.5	6.5	9.0	0.5
823	0.082	8.0	12.5	4.5	6.5	0.5	11.0	13.5	6.0	8.0	0.5	11.5	15.5	6.0	8.0	0.5	13.0	16.5	6.5	9.5	0.5	13.0	16.5	6.5	9.5	0.5
104	0.1	10.0	12.5	4.5	7.5	0.5	11.5	13.5	6.0	8.0	0.5															
124	0.12	10.0	12.5	5.0	7.5	0.5	12.5	13.5	6.5	9.0	0.5															
154	0.15	11.5	12.5	5.5	7.5	0.5	13.0	13.5	7.0	9.0	0.5															
184	0.18	11.5	12.5	6.0	7.5	0.5	13.5	14.5	7.5	9.5	0.5															
224	0.22	12.0	12.5	6.0	7.5	0.5	13.5	14.5	8.0	9.5	0.5															
334	0.33	12.5	15.5	7.0	9.0	0.5																				
474	0.47	14.0	15.5	8.0	9.5	0.5																				

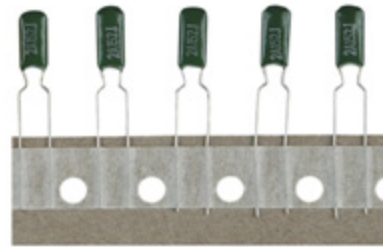
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# POLYESTER FILM CAPACITOR

## TYPE : PEI(MINI-PEI)

(CQ92MC, INDUCTIVE, EPOXY COATED)

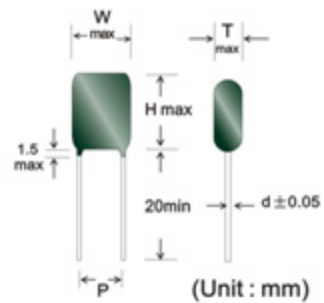
1. Very small size, especially in H dimension.
2. The leads are electrically welded to electrodes.
3. High density thermosetting epoxy resin enhance mechanical strength and humidity resistance
4. High stability and reliability.
5. Widely used in computer equipment such as television sets, radio, tape-recorders and stereophonic apparatuses.



### SPECIFICATIONS:

OPERATING TEMPERATURE	-40 ~ +85°C
RATED VOLTAGE	50, 100, V.D.C
CAPACITANCE RANGE	0.001 ~ 0.1 $\mu$ F
DIELECTRIC STRENGTH	250% or rated voltage for 5 sec.
CAPACITANCE TOLERANCE	$\pm 5\%$ (J) $\pm 10\%$ (K)
INSULATION RESISTANCE	50,000M $\Omega$ min at 25°C
DISSIPATION FACTOR	1%MAX. at 1KHZ

### TYPE : MINI-PEI



CAPACITANCE		50VDC/100VDC					CAPACITANCE		50VDC/100VDC				
Symbol	$\mu$ F	W	H	T	P	d $\varnothing$	Symbol	$\mu$ F	W	H	T	P	d $\varnothing$
102	0.001	5.5	7.5	3.0	3.5	0.5	123	0.012	6.0	9.5	3.0	3.5	0.5
122	0.0012	5.5	7.5	3.0	3.5	0.5	153	0.015	6.0	9.5	3.0	3.5	0.5
152	0.0015	5.5	7.5	3.0	3.5	0.5	183	0.018	6.5	9.5	3.5	3.5	0.5
182	0.0018	5.5	7.5	3.0	3.5	0.5	223	0.022	6.5	9.5	3.5	3.5	0.5
222	0.0022	5.5	7.5	3.0	3.5	0.5	273	0.027	6.5	9.5	4.0	3.5	0.5
272	0.0027	5.5	7.5	3.0	3.5	0.5	333	0.033	6.5	9.5	4.0	3.5	0.5
332	0.0033	5.5	7.5	3.0	3.5	0.5	393	0.039	7.5	9.5	4.5	5.0	0.5
392	0.0039	5.5	7.5	3.0	3.5	0.5	473	0.047	7.5	9.5	4.5	5.0	0.5
472	0.0047	5.5	7.5	3.0	3.5	0.5	563	0.056	8.0	11.0	4.5	5.0	0.5
562	0.0056	5.5	7.5	3.0	3.5	0.5	683	0.068	8.0	11.0	4.5	5.0	0.5
682	0.0068	5.5	7.5	3.0	3.5	0.5	823	0.082	9.0	11.0	5.5	5.0	0.5
822	0.0082	5.5	7.5	3.0	3.5	0.5	104	0.1	9.0	11.0	5.5	5.0	0.5
103	0.01	6.0	9.5	3.0	3.5	0.5							