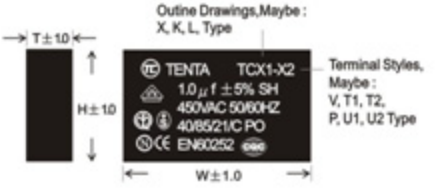
MOTOR RUN / MOTOR START CAPACITOR

TYPE : TC-P0

INTRODUCTION:

1. Capacitors are made from Metallized Ploypropylene Film and packed by difficult burned plastic box, and filled with Epoxy.
2. It is self-healing flat style capacitor.
3. It pissesses several merits such as shape small light, top security, low loss, good insulation.
4. It is design to be used for motors of exhaust fan AC motor etc.
5. Its terminal have solder type, TC insertion type and leader wire type etc.
6. Base specification : VDE 560-8 for motor application.
7. Approval : VDE, Nemko, IMQ, SEV, IEC 252 :1993 EN 60252 :1994
8. Climate Category : DIN40040 GPFPO.



(Unit : mm)

SPECIFICATIONS:

OPERATING TEMPERATURE	-40 ~ +85℃
RATED VOLTAGE	450V AC, 50~60 Hz
CAPACITANCE RANGE	0.5 to 8.0 μF
DIELECTRIC STRENGTH	(A)Between Terminals : 215% of rated Voltage for 2 sec (B)Between Terminals and Case : 200% of rated Voltage+1000v for 60 sec.
CAPACITANCE TOLERANCE	±5%, ±10%
INSULATION RESISTANCE	(A)Between Terminals : C ≦ 1.0 μF IR ≧ 10,000M Ω C > 1.0 μF IR ≧ 10,000M Ω ・ μF (B)Between Terminals and Case : IR ≧ 10,000M Ω
DISSIPATION FACTOR	≦0.1% AT 60Hz . 25 ℃

SIZE\R.V	400/450V AC			SIZE\R.V	400/450V AC		
Cap.(μ F)	W	H	T	Cap.(μ F)	W	H	T
0.5	37	24	12.5	3.5	49	30	20
0.8	37	24	12.5	4.0	51	32	22
1.0	37	24	12.5	4.5	51	32	22
1.2	37	24	12.5	5.0	51	36	25
1.5	37	26	15	5.5	51	36	25
1.8	38	26	17	6.0	51	40	30
2.0	39	29	19	6.5	51	40	30
2.2	39	29	19	7.0	58	37	32
2.5	39	32	22	7.5	58	37	32
2.7	39	32	22	8.0	58	37	32
3.0	49	30	20				

TC X1

X TYPE	K TYPE	L TYPE
Outline drawing	Outline drawing	Outline drawing
		

TC X2

U2 250 TYPE	Terminal style 	T2 250 TYPE	Terminal style 
U1 187 TYPE	Terminal style 	T1 187 TYPE	Terminal style 
P CP TYPE	Terminal style  0.8 cp wire	V TYPE	Terminal style 

MOTOR RUN / MOTOR START CAPACITOR

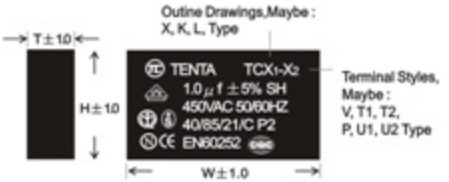
TYPE : TC-P2

INTRODUCTION:

1. If an abnormality occurs wite an infinite number of Capacitors connected in parallel with the metallized film, some electrodes.
2. Will funcition as a fuse to partially disconnect the film from the Body, thus maintaining the normal function of the capacitor.
3. Should a dielectric breakdown occur in a capacitor due to an overvoltage, Abnormal heat or natural end of product life, the capacitor may emit smoke
4. Or catch fire. To prevent such an occurrence, the TYPE P2 capacitor is equipped With the safety device which should disconnect if from the circuit.
5. To reach a safety and high quality environments.

ELECTRICAL SPECIFICATIONS:

OPERATING TEMPERATURE	-40 ~ +85℃
RATED VOLTAGE	250, 300, 350, 400, 450, 500VAC 50~60 Hz
CAPACITANCE RANGE	0.5 to 25 μF
DIELECTRIC STRENGTH	(A)Between Terminals : 175% of rated Voltage for 2 sec (B)Between Terminals and Case : 200% of rated Voltage+1000v for 60 sec.
CAPACITANCE TOLERANCE	±10% to -5% (U), ±5%(J), ±10%(K), ±20%(M)
INSULATION RESISTANCE	(A)Between Terminals : C ≦ 1.0 μF IR ≧ 10,000M Ω C > 1.0 μF IR ≧ 10,000M Ω・μF (B)Between Terminals and Case : IR ≧ 10,000M Ω
DISSIPATION FACTOR	≦0.1% (at 60Hz . 20℃)



(Unit : mm)

X TYPE	K TYPE	L TYPE
Outline drawing	Outline drawing	Outline drawing
		

SIZE\R.V	250VAC			300/350VAC			400VAC			450VAC			500VAC		
CAP.(uF)	W	H	T	W	H	T	W	H	T	W	H	T	W	H	T
0.5	32.0	23.0	13.0	32.0	23.0	13.0	32.0	23.0	13.0	38.0	23.0	13.0	38.0	23.0	13.0
1.0	32.0	23.0	13.0	32.0	23.0	13.0	38.0	23.0	13.0	38.0	23.0	13.0	38.0	26.0	15.0
1.5	32.0	23.0	13.0	32.0	25.0	14.0	38.0	26.0	15.0	38.0	26.0	17.0	38.0	26.0	15.0
2.0	32.0	23.0	13.0	32.0	25.0	14.0	38.0	26.0	15.0	38.0	29.0	19.0	39.0	32.0	22.0
2.5	32.0	25.0	14.0	38.0	26.0	15.0	38.0	29.0	19.0	39.0	32.0	22.0	51.0	30.0	20.0
3.0	38.0	26.0	15.0	38.0	29.0	19.0	39.0	32.0	22.0	51.0	30.0	20.0	51.0	30.0	20.0
4.0	38.0	29.0	19.0	38.0	29.0	19.0	51.0	30.0	20.0	51.0	30.0	20.0	51.0	32.0	22.0
5.0	38.0	29.0	19.0	39.0	32.0	22.0	51.0	30.0	20.0	51.0	32.0	22.0	51.0	36.0	25.0
6.0	39.0	32.0	22.0	51.0	30.0	20.0	51.0	32.0	22.0	51.0	36.0	25.0	51.0	40.0	30.0
7.0	39.0	32.0	22.0	51.0	32.0	22.0	51.0	36.0	25.0	51.0	40.0	30.0	58.0	37.0	32.0
7.5	51.0	30.0	20.0	51.0	32.0	22.0	51.0	36.0	25.0	58.0	37.0	32.0	58.0	37.0	32.0
8.0	51.0	30.0	20.0	51.0	32.0	22.0	51.0	40.0	30.0	58.0	37.0	32.0	59.0	45.0	35.0
10.0	51.0	32.0	22.0	51.0	36.0	25.0	51.0	40.0	30.0	59.0	45.0	35.0			
12.0	51.0	32.0	220	51.0	40.0	30.0	58.0	37.0	32.0						
12.5	51.0	32.0	22.0	51.0	40.0	30.0	58.0	37.0	32.0						
15.0	51.0	36.0	25.0	58.0	37.0	32.0	59.0	45.0	35.0						
17.5	51.0	36.0	25.0	59.0	37.0	32.0									
20.0	51.0	36.0	25.0	59.0	45.0	35.0									
22.0	51.0	36.0	25.0	59.0	45.0	35.0									
25.0	51.0	40.0	40.0	59.0	45.0	35.0									

STYLE A

STYLE B

STYLE C

STYLE D

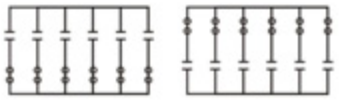
STYLE E

STYLE F

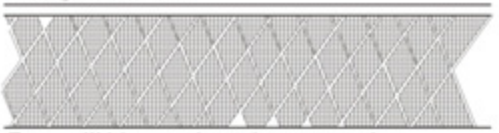
STYLE G

STYLE H

Circuit:



Margin actual



Fuse will blow and cut the connection

MOTOR RUN / MOTOR START CAPACITOR

TYPE : TCE

INTRODUCTION:

1. Capacitors are made from Metallized Ployester Film and packed by difficult burned plastic box, and filled with Epoxy.
2. It is self-healing flat style capacitor.
3. It plssesses several merits such as shape small light, top security, low loss, good insulation.
4. It is design to be used for motors of exhaust fan AC motor etc.
5. Its terminal have solder type, TC insertion type and leader wire type etc.
6. Flame retardant plastic cases and epoxy resin. (compliance with UL 94V-0)
7. Approval : UL / CUL NO.155117. CQC

SPECIFICATIONS:

OPERATING TEMPERATURE	-25 ~ +70℃
RATED VOLTAGE	250, 300, 350, 400VAC 50~60 Hz
CAPACITANCE RANGE	1.0 to 50 μF
DIELECTRIC STRENGTH	(A)Between Terminals : 175% of rated Voltage for 2 sec (B)Between Terminals and Case : 200% of rated Voltage+1000v for 60 sec.
CAPACITANCE TOLERANCE	- 5% to +10% (U), ±5%(J), ±10%(K)
INSULATION RESISTANCE	(A)Between Terminals : C ≦ 1.0 μF IR ≧ 10,000M Ω C > 1.0 μF IR ≧ 10,000M Ω • μF (B)Between Terminals and Case : IR ≧ 10,000M Ω
DISSIPATION FACTOR	≦0.35% AT 60Hz . 20 ℃

X TYPE	K TYPE	L TYPE
Outline drawing	Outline drawing	Outline drawing

SIZE/R.V	250VAC			300/350VAC			400VAC		
CAP.(uF)	W	H	T	W	H	T	W	H	T
1.0	32.0	20.0	11.0	32.0	20.0	11.0	32.0	20.0	11.0
1.5	32.0	20.0	11.0	32.0	20.0	11.0	38.0	25.0	14.0
2.0	32.0	20.0	11.0	32.0	23.0	13.0	37.0	26.0	15.0
2.5	32.0	23.0	13.0	38.0	25.0	14.0	38.0	29.0	19.0
3.0	32.0	23.0	13.0	38.0	25.0	14.0	38.0	29.0	19.0
3.5	32.0	23.0	13.0	37.0	26.0	15.0	39.0	32.0	22.0
4.0	37.0	25.0	14.0	37.0	26.0	15.0	39.0	32.0	22.0
4.5	37.0	25.0	14.0	38.0	26.0	17.0	51.0	30.0	20.0
5.0	37.0	26.0	15.0	38.0	26.0	17.0	51.0	30.0	20.0
5.5	37.0	26.0	15.0	38.0	29.0	19.0	51.0	32.0	22.0
6.0	38.0	26.0	17.0	38.0	29.0	19.0	51.0	32.0	22.0
7.0	38.0	26.0	17.0	39.0	32.0	22.0	51.0	32.0	22.0
7.5	38.0	29.0	19.0	39.0	32.0	22.0	51.0	36.0	25.0
8.0	38.0	29.0	19.0	51.0	30.0	20.0	51.0	36.0	25.0
10.0	39.0	32.0	22.0	51.0	32.0	22.0	51.0	40.0	30.0
12.0	51.0	30.0	20.0	51.0	36.0	25.0			
12.5	51.0	30.0	20.0	51.0	36.0	25.0			
15.0	51.0	32.0	22.0	51.0	40.0	30.0			
17.5	51.0	32.0	22.0						
20.0	51.0	36.0	25.0						
25.0	51.0	40.0	30.0						
30.0	51.0	40.0	30.0						
35.0	58.0	36.0	25.0						
40.0	58.0	37.0	32.0						
50.0	59.0	45.0	35.0						

STYLE A

STYLE B

STYLE C

STYLE D

STYLE E

STYLE F

STYLE G

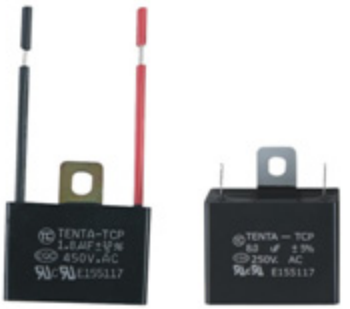
STYLE H

MOTOR RUN / MOTOR START CAPACITOR

TYPE : TCP

INTRODUCTION

1. Capacitors are made from Metallized Posypropylene Film and packed by difficult burned plastic box and filled with Epoxy.
2. It is self-healing flat style capacitor.
3. It possesses several merits suche as shape small light, top security, low loss, good insulation.
4. It is design to be used for motors of exhaust fan AC motor etc,
5. Its terminal have solder type, TCP insertion type and leader wire bype etc.
6. Flame retardant plastic cases and epoxy resin. (compliance with UL 94V-0)
7. Approval : UL / CUL NO.155117. CQC



SPECIFICATIONS :

OPERATING TEMPERATURE	-25 ~ +70℃
RATED VOLTAGE	250,300,350,400,450,500V AC 50~60Hz
CAPACITANCE RANGE	1.0 to 15 μF
DIELECTRIC STRENGTH	(A)Between Terminals : 175% of rated Voltage for 2 secretary (B)Between Terminals and Case : 200% of rated Voltage+ 1000v for 60 secretary.
CAPACITANCE TOLERANCE	- 5% to + 10% (U),±5% (J), ±10% (K)
INSULATION RESISTANCE	(A)Between Terminals : C≤ 1.0 μF IR≥ 10,000MΩ C> 1.0 μF IR≥ 10,000MΩ・μF (B)Between Terminals and Case : IR≥ 10,000MΩ
DISSIPATION FACTOR	≤0.1% AT 60Hz 20℃

X TYPE	K TYPE	L TYPE
Outline drawing	Outline drawing	Outline drawing

SIZE/R.V	250/300VAC			350/400VAC			450/500VAC		
CAP(μF)	W	H	T	W	H	T	W	H	T
1.0	32	23	13	37	24	13	37	24	13
1.5	32	23	13	37	26	15	38	26	17
2.0	32	23	13	38	26	17	39	32	22
2.5	32	28	17	39	29	19	50	30	20
3.0	38	26	15	39	29	19	50	30	20
3.5	38	26	15	39	29	19	50	30	20
4.0	38	26	17	39	32	22	51	32	22
4.5	38	29	19	39	32	22	51	36	25
5.0	39	32	22	50	30	20	51	40	30
5.5	39	32	22	50	32	22			
6.0	50	30	20	50	32	22			
7.0	50	30	20	51	36	25			
7.5	50	30	20	51	36	25			
8.0	51	32	22	51	36	25			
10.0	51	32	22	51	40	30			
12.0	51	40	30	58	37	32			
13.0	51	40	30	59	45	35			
15.0	51	40	30	59	45	35			

STYLE A

STYLE B

STYLE C

STYLE D

STYLE E

STYLE F

STYLE G

STYLE H

MOTOR RUN / MOTOR START CAPACITOR

TYPE : TCER

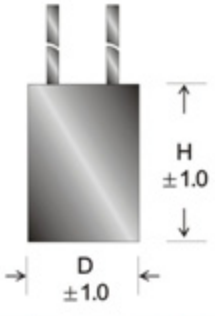
INTRODUCTION

1. Capacitors are made from Metallized Posypropylene Film and packed bydifficult burned plastic box and filled with Epoxy.
2. It possesses several merits suche as shape small light, top security, lowloss, good insulation.
3. It is design to be used for motors of exhaust fan AC motor etc,
4. Its terminal have solder type, TCER insertion type and leader wire type etc.

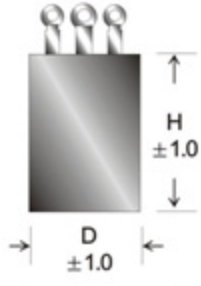
SPECIFICATIONS:

OPERATING TEMPERATURE	-25 ~ +70℃
RATED VOLTAGE	250, 300, 350, 400VAC 50~60Hz
CAPACITANCE RANGE	3.0 to 50 μF
DIELECTRIC STRENGTH	(A)Between Terminals : Rated voltage * 175% one minute. (B)Terminals to case : Rated voltage * 2 + 1000V one minute.
CAPACITANCE TOLERANCE	±5% (J) ±10% (K)
INSULATION RESISTANCE	(A)Between Terminals : ≥ 1000MΩ (B)Terminals to case : ≥ 2000MΩ
DISSIPATION FACTOR	≤0.3% AT 60Hz 20℃

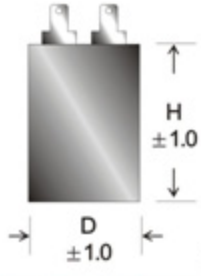
TYPE : V



TYPE : T



TYPE : B



(Unit : mm)

Capacitance (μF)	250/300V AC		350/400V AC	
	H	D	H	D
3	40	25	40	25
3.5	40	25	40	25
4	40	25	45	30
4.5	40	25	45	30
5	40	25	45	30
5.5	40	25	45	30
6	40	25	45	30
7	45	30	45	30
7.5	45	30	52	30
8	45	30	52	30

Capacitance (μF)	250/300V AC		350/400V AC	
	H	D	H	D
9	45	30	52	30
10	45	30	52	30
12	52	30	60	35
14	52	30	60	35
16	52	30	60	40
18	52	30	60	40
20	60	35	60	40
25	60	35	60	45
30	60	40		
35	60	40		
40	60	40		
50	60	45		

MOTOR RUN / MOTOR START CAPACITOR

TYPE : TCPR

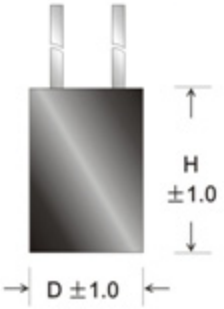
INTRODUCTION:

1. Capacitor are made from Metallized Polypropylene Film and packed by difficult burned plastic box and filled with Epoxy.
2. It possesses several merits such as shape small light, top security, low loss, good insulation.
3. It is design to be used for motors of exhaust fan AC motor etc.
4. Its terminal have solder type, TCPR insertion type and leader wire type etc.

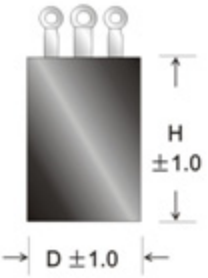
SPECIFICATIONS:

OPERATING TEMPERATURE	-25 ~ +70℃
RATED VOLTAGE	250, 300, 350, 400, 450, 500VAC 50 ~ 60 Hz
CAPACITANCE RANGE	3.0 to 30 μ F
DIELECTRIC STRENGTH	(A)Between terminals : Rated voltage * 175% one minute. (B)Terminals to case : Rated voltage * 2 + 1000V one minute.
CAPACITANCE TOLERANCE	±5%(J) ±10%(K)
INSULATION RESISTANCE	(A)Between terminals : ≧1000MΩ (B)Terminals to case : ≧2000MΩ
DISSIPATION FACTOR	≦0.1% AT 60Hz, 20℃

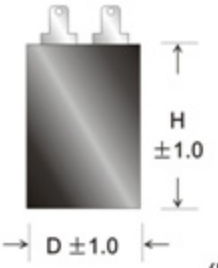
TYPE : V



TYPE : T



TYPE : B



(Unit : mm)

Capacitance (μF)	250/300V AC		350/400V AC		450/500V AC		Capacitance (μF)	250/300V AC		350/400V AC		450/500V AC	
	H	D	H	D	H	D		H	D	H	D	H	D
3	40	25	45	30	45	30	9	52	30	60	40	60	45
3.5	40	25	45	30	45	30	10	52	30	60	40	60	45
4	40	25	45	30	45	30	12	60	35	60	45		
4.5	40	25	45	30	60	35	14	60	35	60	45		
5	45	30	45	30	60	35	15	60	35	60	45		
5.5	45	30	45	30	60	35	16	60	35	60	45		
6	45	30	60	35	60	35	18	60	40				
7	45	30	60	35	60	40	20	60	40				
7.5	45	30	60	35	60	40	25	60	45				
8	52	30	60	35	60	40	30	60	45				