

MOTOR RUN / MOTOR START CAPACITOR

TYPE : TC

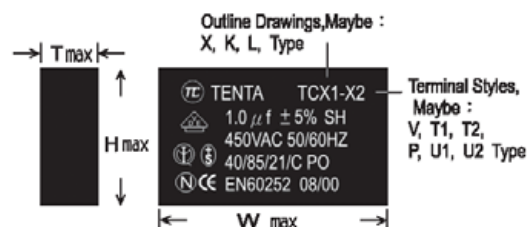
INTRODUCTION :

1. Capacitors are made from Metallized Polypropylene 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 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.



SPECIFICATIONS :

OPERATING TEMPERATURE	-40 ~ +85°C
RATED VOLTAGE	450V AC, 50-60 Hz
CAPACITANCE RANGE	0.5 to 8.0 μ F
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	$\pm 5\%$, $\pm 10\%$
INSULATION RESISTANCE	(A)Between Terminals : C $\leq 1.0 \mu$ F IR $\geq 10,000M\Omega$ C > 1.0 μ F IR $\geq 10,000M\Omega \cdot \mu$ F (B)Between Terminals and Case : IR $\geq 10,000M\Omega$
DISSIPATION FACTOR	$\leq 0.1\%$ AT 60Hz . 25°C



(Unit : mm)

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

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				