

AC POWER CAPACITOR

TYPE : TCPS

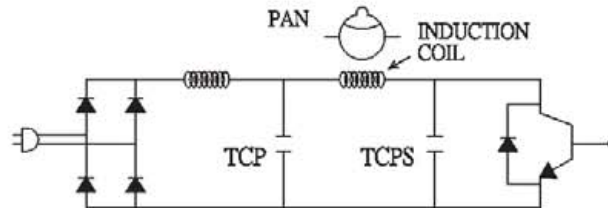
INTRODUCTION :

THE TYPE-TCPS CAPACITORS are constructed with metalized polypropylene film dielectric, terminals solder, encapsulated in industrial plastic case with epoxy resin sealed. The type is ideal for use in induction cooker power amplification resonance circuits.



FEATURES :

- Non-inductive construction.
- self-healing property.
- Extremely low DF value.
- Available for 20KHz to 100KHz switching frequency range.
- High current-up to 20Arms.
- Special high current termination.



SPECIFICATIONS :

OPERATING TEMPERATURE	-40 – +85°C
RATED VOLTAGE	1000V, 1500V, 2000V DC
CAPACITANCE RANGE	0.1 – 0.4 μF
DIELECTRIC STRENGTH	250% of rated voltage for 5 sec.
CAPACITANCE TOLERANCE	± 5% (J) ± 10% (K)
INSULATION RESISTANCE	20,000MΩ Above measured at 1000VDC, with a charging time one minute
DISSIPATION FACTOR	0.1% MAX. at 1KHZ
RATED CURRENT	THE maximum rated ripple current from 20KHz to 100KHz at 25°C

VDC Cade	1000V DC	1500V DC	2000V DC	(Unit : mm)						
	CASE	CASE	CASE	W ±1		H ±1		T1 ±1		
MFD				S ±1		7 ±1		T2		
0.1		A	A							
0.15		A	B							
0.2		B								
0.27	A	B		Case	W	H	T1	S	L	T2
0.33	B			A	37.0	28.0	15.0	28.0	5.0	0.6
0.4	B			B	37.0	29.0	20.0	28.0	5.0	0.6