



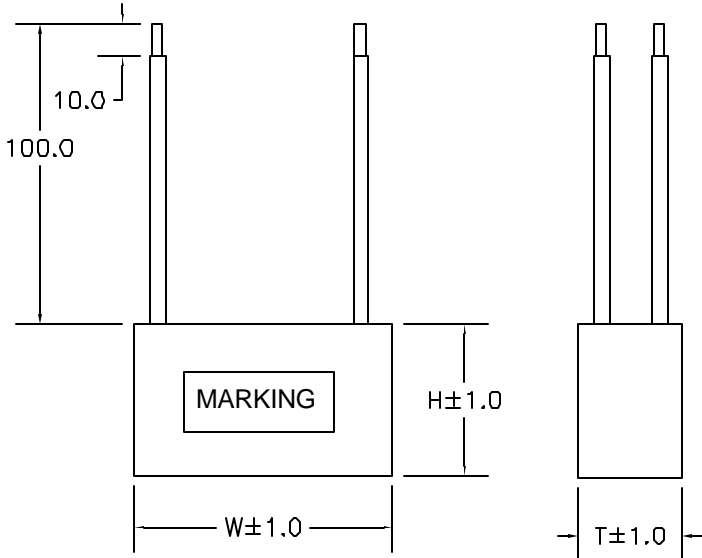
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SPC-F008.DWG

REVISIONS

DOC. NO. SPC-F008 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1990	A	Released	JN	04/17/09	JWM	04/17/09	JWM	04/17/09

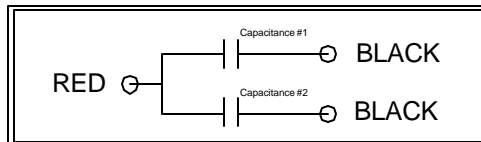


Notes:

- Capacitor Dielectric Material: Polyester
- Body Color: Black
- Termination: Radial Leaded
- Capacitance: See Parts Table
- Capacitance Tolerance: +10/-10 % (K)
- Rated Voltage: 250VAC
- Operating Temperature: -25°C~+70°C
- Dissipation Factor: ≤0.35% at 60Hz, 20°C

- Dielectric Strength:
 - (A) Between terminals: 175 % of rated Voltage for 2 sec.
 - (B) Between terminals: 200% of rated voltage + 1000v for 60 sec.
- Insulation Resistance:
 - (A) Between terminals:
 - $C \leq 1.0 \text{ m F}$ IR $\geq 10,000 \text{ M W}$
 - $C > 1.0 \text{ m F}$ IR $\geq 10,000 \text{ M W} - \text{m F}$
 - (B) Between terminals: IR $\geq 10,000 \text{ M W}$

This Schematic is for Dual Capacitance Only



Manufact Part #	Capacitance	Package/Case Size	Dimensions		
			W	H	T
MCTCE250V105K32X21X10.5	Capacitance:1µF	Package/Case:32X21X10.5	32	20	11
MCTCE250V2&4K39X29X19	Dual Capacitance: 2 / 4 uF	Package/Case:39X29X19	38	28	18
MCTCE250V2&5.5K50X30X20	Dual Capacitance: 2 / 5.5 uF	Package/Case:50X30X20	50	30	20
MCTCE250V205K32X21X10.5	Capacitance:2µF	Package/Case:32X21X10.5	32	20	11
MCTCE250V3.5&1.5K39X29X19	Dual Capacitance: 3.5 / 1.5 uF	Package/Case:39X29X19	38	28	18
MCTCE250V3&6.5K51X32X22	Dual Capacitance: 3 / 6.5 uF	Package/Case:51X32X22	51	32	22
MCTCE250V305K32X23X13	Capacitance:3µF	Package/Case:32X23X13	32	23	13
MCTCE250V405K39X23X13	Capacitance:4µF	Package/Case:39X23X13	37	25	14
MCTCE250V5&8.2K51X40X30	Dual Capacitance:5 / 8.2 uF	Package/Case:51X40X30	51	40	30
MCTCE250V505K39X24X15	Capacitance:5µF	Package/Case:39X24X15	37	26	15
MCTCE250V6&14K51X40X30	Dual Capacitance:6 / 14 uF	Package/Case:51X40X30	51	40	30
MCTCE250V605K39X26X17	Capacitance:6µF	Package/Case:39X26X17	38	26	17

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TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Jason Nash	04/17/09
CHECKED BY:	DATE:
JWM	04/17/09
APPROVED BY:	DATE:
JWM	04/17/09

DRAWING TITLE:			
Motor Run/Motor Start Capacitors			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-1094	Ta-1094.dwg	A
SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 1	