MPTS

DC Link Metalized Polypropylene Film



FEATURES	High Capacitance – High Voltage - Low Profile
APPLICATIONS	Induction Heaters – DC link – AC/DC motor Drives – Solar and Wind inverters

Operating Temperature Range	**-40°C to +85°C**				
Capacitance Tolerance	±10% at 1 kHz, 25°C				
VDC	**800**	**1000**	**1200**	**1400**	
VAC	**230**				
Dissipation Factor Tan δ at 100 Hz and 25°C	0.0002 MAX				
Insulation Resistance	≤5000 MΩxuF				
	After 1 minute of 100VDC applied between the terminals at 25°C				
Self Inductance	See part listing				
Dielectric Strength	**Terminal to Terminal**			**Terminal to case**	
	150% of VDC applied for 10 Seconds and 25°C			4KVAC at 50/60 Hz applied between the terminals and case for 60 Seconds and 25°C	
Construction	Metallized Polypropylene film				
Electrodes	Vacuum deposited Metal layers				
Coating	Flame retardant Solvent resistant plastic case (UL 94V-0) with epoxy end fill				
Impregnant	Silcone oil				
Lead terminations	Lead free tinned brass leads				

Americas / EU
Phone: 1-508-996-8561
Email: cdena@cde.com

CDE ENERGIZING IDEAS
CORNELL DUBILIER
ILLINOIS CAPACITOR

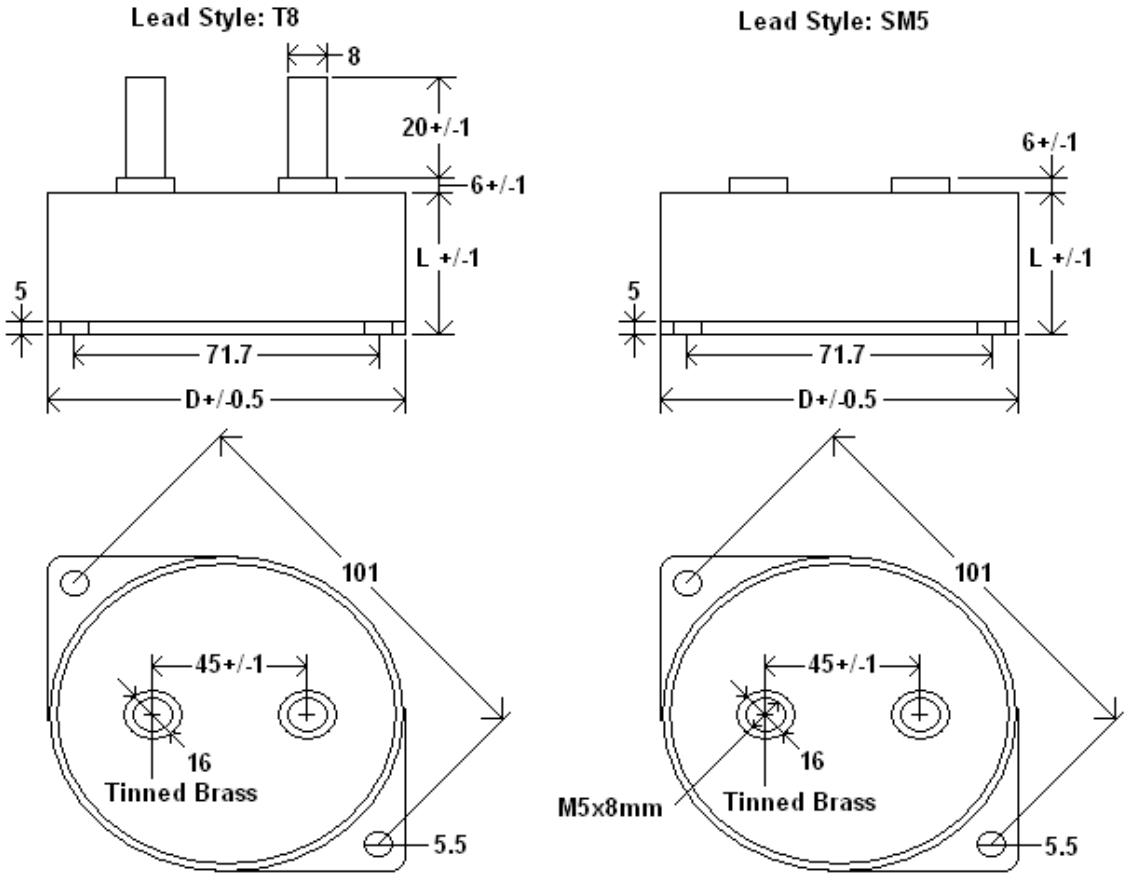
Asia
Phone: 852-2793-0931
Email: cdeasia@cde.com

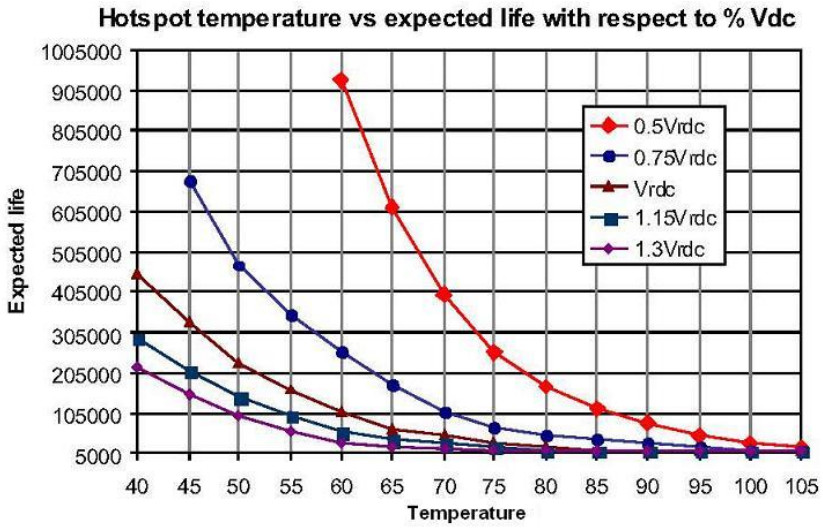
MPTS

DC Link Metalized Polypropylene Film



Lead style





Americas / EU
Phone: 1-508-996-8561
Email: cdena@cde.com

CDE CORNELL DUBILIER
ENERGIZING IDEAS
ILLINOIS CAPACITOR

Asia
Phone: 852-2793-0931
Email: cdeasia@cde.com

MPTS

Metallized Polypropylene round tube with screw terminals

WVDC	Capacitance (µF)	IC PART NUMBER	Resonant Frequency (kHz)	Maximum RMS Ripple Current (A) 10 kHz, +70°C	Typical ESR (mΩ) 1 kHz, +25°C	Thermal Resistance (°C/W)	Dims DxL (mm)
800	100	107MPTS800KHA#	0	74	0.5	23	85x40
800	160	167MPTS800KHA#	0	73	0.8	24	85x51
800	220	227MPTS800KHB#	0	72	1	21	85x64
1000	66	666MPTS102KHA#	0	70	0.6	21	85x40
1000	100	107MPTS102KHA#	0	68	0.8	22	85x51
1000	140	147MPTS102KHB#	0	65	1	23	85x64
1200	47	476MPTS122KHA#	0	67	0.7	22	85x40
1200	70	706MPTS122KHA#	0	65	1	22	85x51
1200	100	107MPTS122KHB#	0	64	1.3	24	85x64
1400	33	336MPTS142KHA#	0	64	0.8	21	85x40
1400	52	526MPTS142KHA#	0	60	1.1	24	85x51
1400	70	706MPTS142KHB#	0	59	1.4	22	85x64

Americas / EU
Phone: 1-508-996-8561
Email: cdena@cde.com

CDE CORNELL DUBILIER
ENERGIZING IDEAS
ILLINOIS CAPACITOR

Asia
Phone: 852-2793-0931
Email: cdeasia@cde.com