

Replacement For Electrolytic Capacitors

* GENERAL DESCRIPTION

Dielectric :	Metallized polypropylene film
Case :	Aluminum case with high current terminals
Terminals :	M8 threaded bolt; also available M6 or M8 female connections
Construction :	Wound dry film, filled by solid resin Non-inductive type
Temperature range :	-55 to +85°C
Key Features	High RMS Current Capability Cost Effective Design



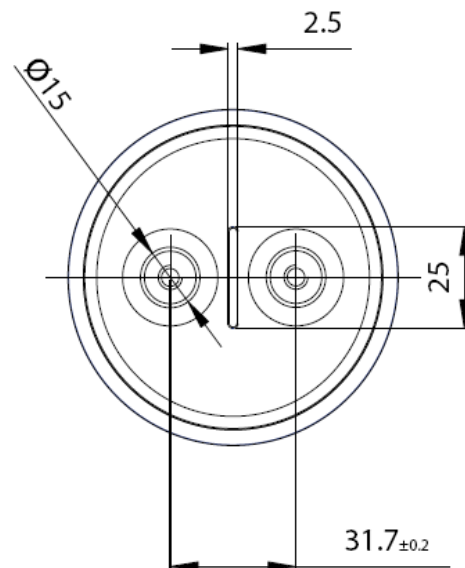
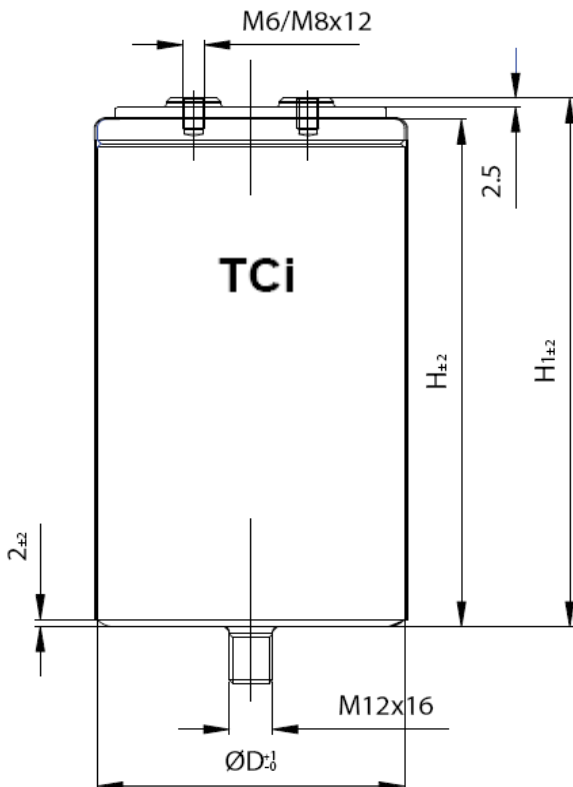
* ELECTRICAL CHARACTERISTICS

Dielectric Strength	1.5 x Rated Voltage @ 60s Without breakdown
Capacitance Change	+1.1% @ -40°C, 0 @ 25°C, -2.1% @ +85°C
Dissipation Factor	< 0.21% @ 1MHz
Test Voltage terminal to terminal	1.5 x Rate Voltage for 10s at 25°C
Test Voltage terminal to case	4KV 50Hz during 60 sec.
Lifetime expectancy	85°C @ 1000,000 hours

* DIMENSIONS

Terminals Styles : M6 or M8 Brass Screw Terminals
Mounting : M12 Stud mounting or Clamp (Optional)

Max Torque 5.0 N.m for M8
Max Torque 3.5 N.m for M6





POWER FILM CAPACITOR

TC34 SERIES

Non-Inductive Dry Film
DC LINK APPLICATION

Replacement For Electrolytic Capacitors

* ELECTRICAL DATA(Standard Part)

Part Number	Vdc V	C μF	D mm	H mm	ESR mΩ	dv/dt V/μs	ESL nH	Irms @ 32kHz Max	
								25°C Arms	85°C Arms
TC34-680K800AS	800	680	86	155	6.2	11	76	68	35
TC34-270K1250AS	1250	270	86	155	5.3	13	68	65	32
TC34-225K1400AS	1400	225	86	155	6.4	15	70	58	27
TC34-175K1600AS	1600	175	86	155	5.3	17	64	52	24
TC34-110K2000AS	2000	135	86	155	4.6	20	59	48	22

** TCi provides Custom design capacitor for Size,Voltage,Current,Capacitance etc..

* HOW TO ORDER

p/n : TC34-270K1250AS

Series: TC34

Capacitance : 270μF

Tolerance : K = ± 10%

Voltage: 1250VDC

Terminals : A = M6 Female interal thread ,M8 on request

B = M8 Male threaded bolt

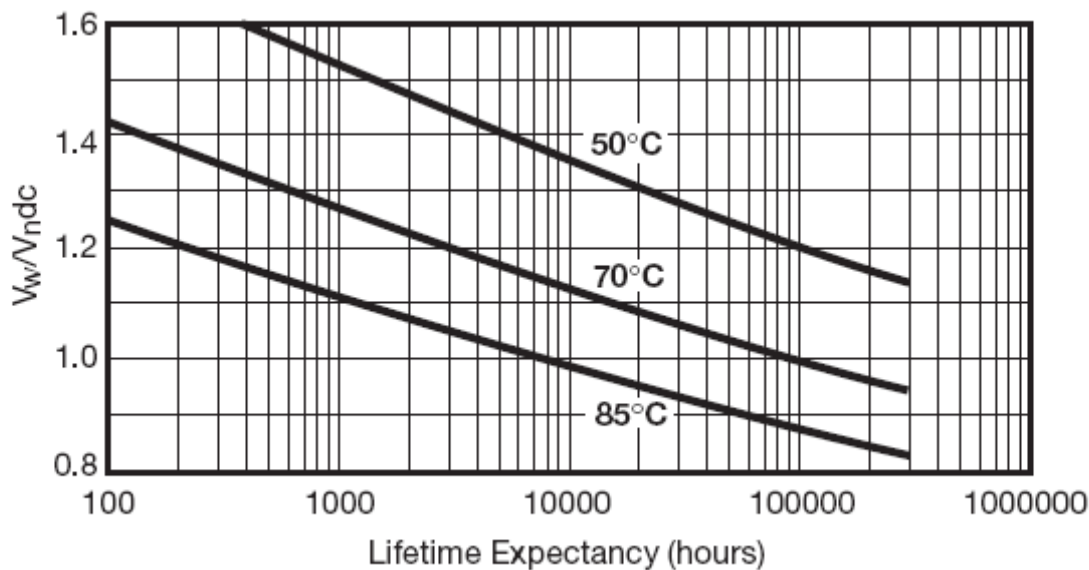
Mounting : S = M12 Stud mounting

Distribution by :

TechCap Technology Ltd.

email: techcap@263.net

* LIFETIME vs HOT SPOT TEMPERATURE



** Vndc : operating DC Voltage