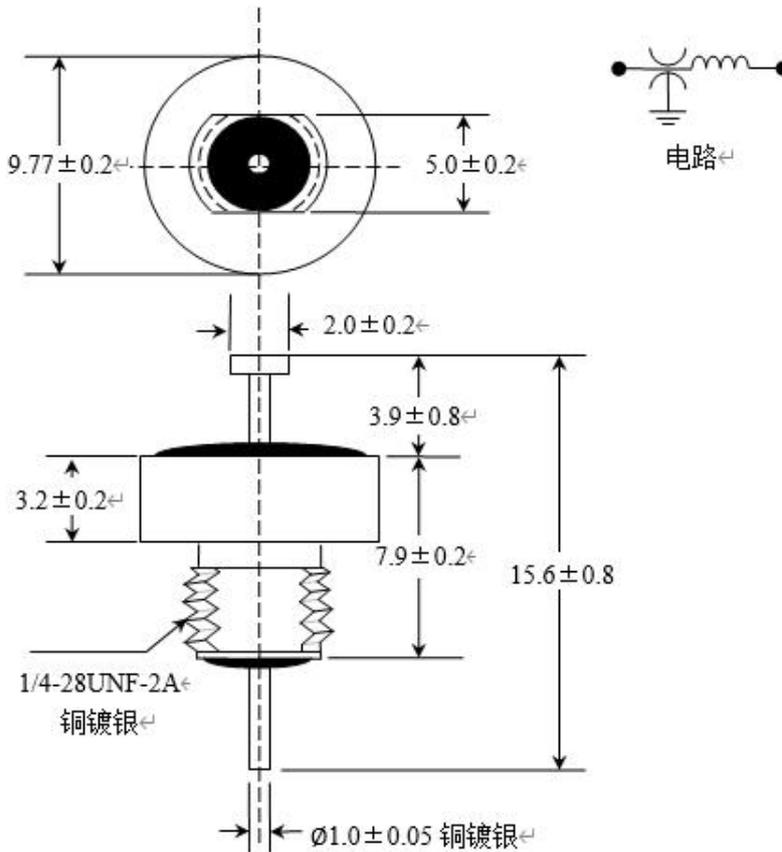


GENERAL TECHNICAL CHARACTERISTICS	
Reference standards :	IEC 61071-60068
Climatic category:	40/85/56
Dielectric :	Polypropylene film
Construction :	Extended metallized film, Dry construction
Features:	Low ESR,Low Ls,high ripple current
Coating :	Resistant plastic case with resin sealing., Flame retardant execution(UL94V0)
ELECTRICAL CHARACTERISTICS	
Working temperature :	-40 to + 105°C (max hotspot ≤ 85°C)
Storage temperature :	-40 to + 85°C
Capacitance :	0.01 to 500μF
Rated Voltage	400 to 3000 Vdc
Tolerance :	± 5%(J) ± 10%(K)
Life expectancy :	100,000 hours at Un and 70°C
TEST METHODS AND PERFORMANCES	
Insulation resistance :	≥ 5,000s after 1 minute of electrification at 100Vdc (25±5°C)
Test voltage between terminals	2.15Un 150Hz(10s at 20± 5°C)
Test voltage between terminals and case :	3.5KV 150HZ(10s 50Hz 20± 5°C)

STYLE D :



CAUTIONS AND WARNINGS

In case of dents of more than 1mm depth or any other mechanical damage, capacitors must not be used at all. This applies also in cases of oil leakages.

To ensure the full functionality of the overpressure disconnectors, elastic elements must not be hindered and a minimum space of 12mm has to be kept above each capacitor.

Do not handle the capacitor before it is discharged.

Resonance cases must be avoided by appropriate application design in any case.

Handle capacitors carefully, because they may still be charged even after disconnection due to faulty discharging devices.

Protect the capacitor properly against over current and short circuit.

Failure to follow cautions may result, worst case, in premature failures, bursting and fire.

Electrical specifications,

Part Number	Capacitance (μ F)	Diameter r	Height (mm)	Ls max. (nH)		Ipeak (KA)		Irms max.	ESR (M Ω)	Material
				Urms 50V	Us 100V	Ur 20V	AC 10A			
PLKTL1/4-28B-002	2	9.77	15.6	80		10		10	1000	X7R
PLKTL1/4-28B-001	1	9.77	15.6	80		10		10	1000	X7R

PLKTL1/4-28B-002

