

**SECTION - C****TECHNICAL SPECIFICATIONS OF STORES AND DRAWINGS.****REVISED TECHNICAL SPECIFICATION OF HIGH VOLTAGE CAPACITOR****Revised Specification for High Voltage Capacitor**

<b>Sr. No.</b>	<b>Perticulars</b>	<b>IPR Specifications</b>
1.	<b>Capacitor Type</b>	Screw Mounting High Voltage Single Layer Ceramic Disc Capacitor
2.	<b>Application</b>	High Voltage Multiplier Circuit
3.	<b>Rated Voltage V</b>	≥ 40 kV (27kV RMS)
4.	<b>Dielectric Withstand Voltage V</b>	≥ 150% Rated Voltage
5.	<b>Nominal Capacitance Value</b>	2 nF
6.	<b>Capacitance Tolerance</b>	± 20 %
7.	<b>Dissipation factor (@1 kHz)</b>	≤ 0.5 %
8.	<b>Insulation Resistance</b>	≥ 10,000 MΩ
9.	<b>Termination/Mounting</b>	Screw Terminals
10.	<b>Operating Temperature</b>	0°C to 80 °C
11.	<b>Dielectric Material</b>	N4700/T3M or N4700 Class or Strontium based Class-I Ceramic Dielectric or Having voltage coefficient less than 5% at 90% rated Voltage
12.	<b>Dimensions</b>	Diameter ≤ 62 mm Height ≤ 38 mm
13.	<b>Coating</b>	Epoxy
14.	<b>Quantity</b>	1000 Nos.

**Note-**

1. Along with Compliance Sheet Bidder must submit the detail datasheet including Typical Characteristics Curves (i.e. Capacitance Change vs. Temperature etc.), working conditions and dimensions.
2. Type Test Report/Certificate before the shipment of the Product must be provided.

## Compliance Sheet

### **Revised Technical Compliance Statement of High Voltage Capacitor HV Capacitor Compliance Statement**

Sr. No.	Particulars	IPR Specifications	Vendor's Specification
1.	<b>Make &amp; Model No. of Capacitor</b>	Preferred Make: Vishay, Murata, HVCA, AVX, TDK	
2.	<b>Capacitor Type</b>	Screw Mounting High Voltage Single Layer Ceramic Disc Capacitor	
3.	<b>Application</b>	High Voltage Multiplier Circuit	
4.	<b>Rated Voltage kV</b>	≥ 40 kV (27kV RMS)	
5.	<b>Dielectric Withstand Voltage kV</b>	≥ 150% Rated Voltage	
6.	<b>Nominal Capacitance Value</b>	2 nF	
7.	<b>Capacitance Tolerance</b>	± 20 %	
8.	<b>Dissipation factor (@1 kHz)</b>	≤ 0.5 %	
9.	<b>Insulation Resistance</b>	≥ 10,000 MΩ	
10.	<b>Termination/Mounting</b>	Screw Terminals	
11.	<b>Operating Temperature</b>	0°C to 80 °C	
12.	<b>Dielectric Material</b>	N4700/T3M or N4700 Class or Strontium based Class-I Ceramic Dielectric or Having voltage coefficient less than 5% at 90% rated Voltage	
13.	<b>Dimensions</b>	Diameter ≤ 62 mm Height ≤ 38 mm	
14.	<b>Coating</b>	Epoxy	
15.	<b>Do Type Test Report/Certificate before the shipment of the Product to be provided by the Bidder?</b>	If Yes, then Please Comply and Provide the details.	

#### Note-

- Along with Compliance Sheet Bidder must submit the detail datasheet including Typical Characteristics Curves (i.e. Capacitance Change vs. Temperature etc.), working conditions and dimensions.

**Authorised Signatory**

**Official Seal & Date :-**