



**Advance Comp. & Inst. Pvt Ltd**  
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 Karnataka



DET NORSKE VERITAS  
**ISO 9001:2000**  
 Certificate No. 00052-2003-AQ-BAL-RvA

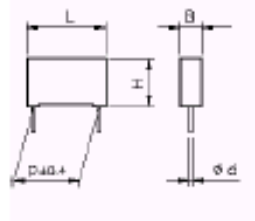
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## Interference Suppression – Class X2 Capacitors

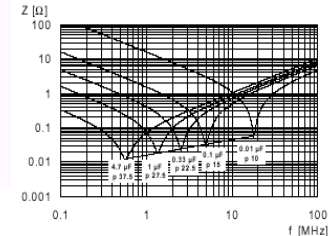
### METALLIZED POLYPROPYLENE FILM CAPACITOR SELF-HEALING PROPERTIES

**Typical applications:** interference suppression and «across-the-line» applications. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.



#### TYPICAL GRAPHS

Z = f (f) (lead length 2 mm). Typical values.



#### GENERAL TECHNICAL DATA

- Dielectric:** PolyPropylene Film
- Plates:** Metal Layer deposited by evaporation under vacuum
- Winding:** Non-Inductive Type
- Leads:** Tinned Wire
- Protection:** Plastic Case, Thermosetting Resin filled. UL94
- Climatic Category:** 40/80/21
- Temperature:** -40 to 85°C
- Related Document:** IEC-60384-14

#### ELECTRICAL CHARACTERISTICS

- Rates Voltage:** 250Vac/275Vac/300Vac: 50/60Hz
- Capacitance range:** 0.01uF to 1.0uF
- Tolerance:** ±10%, ±20%
- Dissipation Factor:** Tan Delta

$\text{tg}\delta \times 10^{-4}$  at +25°C ±5°C: ≤10 (6)\* at 1kHz

#### Insulation resistance:

##### Test conditions

- Temperature: +25°C ±5°C
- Voltage charge time: 1 min
- Voltage charge: 100 Vdc

##### Performance

- ≥ 1 × 10<sup>5</sup> MΩ (5 × 10<sup>5</sup> MΩ)\* for C ≤ 0.33μF
- ≥ 30000 s (150000 s)\* for C > 0.33μF

\* Typical value

#### Test voltage between terminations (on all pieces):

1500Vac for 1 s + 2200Vdc for 1 s at +25°C ±5°C

Type	Cap uF uF	Vac Volts	Style	W mm	L mm	H mm	pitch mm
X2	0.1	250	Radial	7.5	18	13.5	15.2
	0.15	250	Radial	8.5	26.5	17	22.9
	0.22	250	Radial	8.5	26.5	17	22.9
	0.33	250	Radial	10	26.5	18.5	22.9
	0.47	250	Radial	11	32	20	27.9
	0.68	250	Radial	11	32	20	27.9
	1	250	Radial	13	33	23.5	27.9