

DMR METALLIZED POLYESTER CAPACITORS

General data :

• **Applications:**

Multipurpose applications, blocking, coupling, by-passing, interference suppression.

• **Dielectric:**

Polyester film (Polyethylene Terephthalate), self-regenerating.

• **Plates:**

Aluminium layer deposited by ϵ under vacuum.

• **Winding :**

Non-inductive type.

• **Leads:**

Tinned wire.

$\phi=0,8$

• **Protection:**

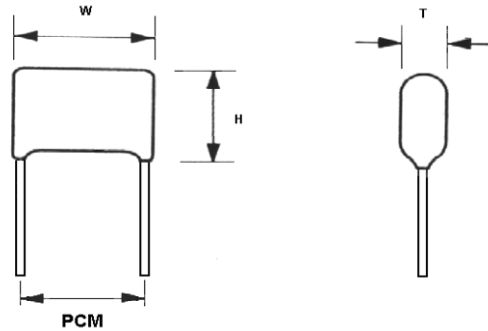
Epoxy coating

• **Technical terms and test:**

IEC 384-1/2 IEC68

• **Climatic category:**

(IEC 68-1) 40/100/56



Electrical characteristics:

• **Nominal voltage (Vn dc):**

63-100-250-400-630

• **Dissipation Factor (Df at 25°C):**

1 Khz = $<100 \times 10^{-4}$

10 Khz = $<150 \times 10^{-4}$

• **Insulation Resistance (Ri):**

Temperature: 25°C

Voltage charge:

Charge time: 1 minute

50 Vdc for $V_n < 100\text{Vdc}$
100 Vdc for $V_n \geq 100\text{Vdc}$
500 Vdc for $V_n \geq 500\text{Vdc}$

$\leq 100\text{Vdc}$
 $C \leq 0,33\mu\text{F} = 7.500 \text{ Mohm}$
 $C > 0,33\mu\text{F} = 2.500 \text{ sec.}$

$V_n > 100\text{Vdc}$
 $C \leq 0,33\mu\text{F} = 15.000 \text{ Mohm}$
 $C > 0,33\mu\text{F} = 5.000 \text{ sec.}$

• **Test Voltage:**

(2 seg. at 25°C) $1,6 \times V_n$

• **Life test:**

Temperature: 85°C

Voltage: $1,25 \times V_n$

Duration: 1.000 hours

Variations:
Capacitance: $< 2\%$
Df change: $< 30 \times 10^{-4}$
Insulation: $> \text{limit value}$

-Notes: -All dimensions are in mm.

- Other versions available upon request.

