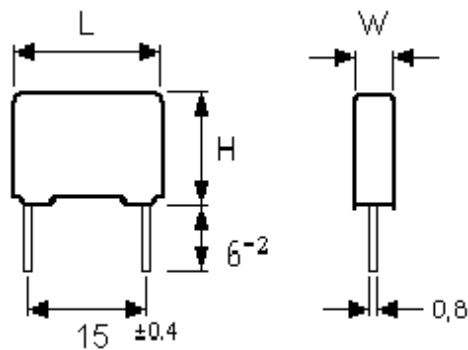


MKP 1600-2000

RADIAL

METALLIZED POLYPROPYLENE CAPACITORS



| Maximum pulse rise time V/μs | | |
|------------------------------|-------|-------|
| Vdc | 1600 | 2000 |
| PCM 15 | 15800 | 17500 |

Dimensions:

| Capacitance | 1600 Vdc | | | 2000 Vdc | | |
|--------------|----------|------|-----|----------|------|-----|
| | W | H | L | W | H | L |
| 100 - 680 pF | | | | 18 | 11 | 5 |
| 1 nF | | | | 18 | 11 | 5 |
| 1,5 nF | 18 | 11 | 5 | 18 | 12 | 6 |
| 2,2 nF | 18 | 11 | 5 | 18 | 12 | 6 |
| 2,2 nF | 18 | 11 | 5 | 18 | 13 | 7 |
| 3,3 nF | 18 | 11 | 5 | 18 | 13 | 7 |
| 4,7 nF | 18 | 13,5 | 6 | 18 | 14,5 | 8,5 |
| 6,8 nF | 18 | 13,5 | 7,5 | | | |

Notes: -All dimensions are in mm.
- Other versions available upon request.

General data :

- **Dielectric:** metal foil and polypropylene film.
- **Plates:** aluminium layer deposited by evaporation under vacuum.
- **Winding :** non-inductive type.
- **Leads:** tinned wire.
- **Protection** plastic case, epoxy resin filled.
- **Technical terms and test:** IEC 384-16 IEC68
- **Climatic category:** (IEC 68-1) 55/ 85/ 56 , (DIN40040) FPD

Electrical characteristics

- **Nominal voltage (Vn dc)** 1600-2000
- **Dissipation Factor (Df at 25°C):**

| | |
|----------|------------------------|
| 1 KHz = | <10 x 10 ⁻⁴ |
| 10 KHz = | <15 x 10 ⁻⁴ |
- **Insulation Resistance (Ri):**
Temperature: 25°C
Voltage charge:

| |
|-------------------------|
| 100 Vdc for Vn < 500Vdc |
| 500 Vdc for Vn ≥ 500Vdc |
- Charge time: 1 minute

| Performances | |
|--------------|-------------|
| C ≤ 0,33μF = | 50.000 Mohm |
| C > 0,33μF = | 30.000 sec. |

- **Test Voltage:** (2 seg. at 25°C) 1,6 x Vn
- **Life test:** Temperature: 85°C
Voltage: 1,25 x Vn
Duration: 2.000 hours
Variations:

| |
|------------------------------------|
| Capacitance: < 2% |
| Df change: < 10 x 10 ⁻⁴ |
| Insulation: > limit value |