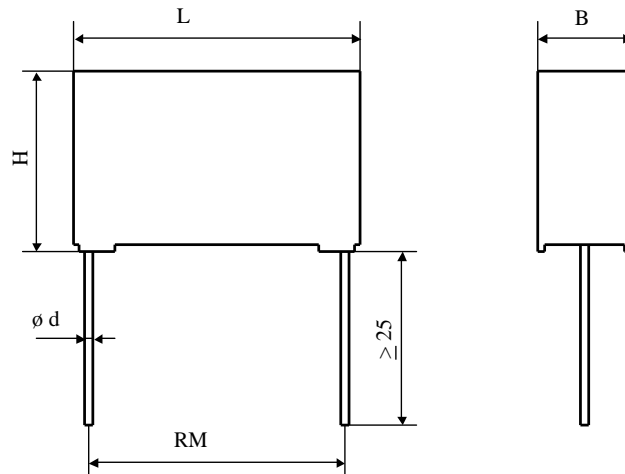


| | | |
|--------|--|--------------------------|
| # 5989 | METALLIZED POLYPROPYLENE + FILM-FOIL CAPACITORS | TYPE KPS 160-182 gs J |
|--------|--|--------------------------|



Dielectric: Polypropylene metallized + film-foil

Self-extinguishing plastic housing / Epoxy resin sealing

| Paramèter | Symbol | Value | Unit | Condition |
|-----------------------------------|-----------------------|-----------|------------------|----------------------|
| Capacitance | C | 82 | nF | 20°C, 1 kHz |
| Tolérance | | 5 | % | |
| Rated voltage | Un DC | 1'600 | VDC | |
| Rated voltage | Un AC | 500 | VAC | |
| RMS Current | I _{eff} max. | 11.18 | A _{eff} | 100 kHz |
| Slope of voltage variation | du/dt max. | 7000 | V/µs | max. repetitive |
| Repetitive surge current | I _{cr.} max | 574 | A | max. repetitive |
| Tangent delta | tgδ | ≤ 3.0 E-4 | | 1 V / 10 kHz / 20 °C |
| Stray inductance | ESL | ≤ 20 | nH | |
| Insulation resistance | Ri | > 100'000 | MΩ | 100 VDC - 1 min |
| Test voltage between terminals | U T1 | 2'560 | VDC | 10 s. |
| Climatic category | | 55/85/56 | | |
| Estimated operational life (-3 %) | | 100'000 | h | Un / 70°C |

| Dimension | Symbole | Value | Unit | Conditions |
|-------------------|---------|------------|------|------------|
| Width | B | 20 | mm | |
| Height | H | 29 | mm | |
| Length | L | 31.5 | mm | |
| Terminals | | | | |
| Axial tinned wire | d | ø 1.0 x 25 | mm | |
| | RM | 27.94 | mm | |

| | | | | |
|--|--------------|------|---------------|--|
| | M2 | | | |
| | M1 | | | |
| | M0 | | | |
| | Modification | Date | Visa émetteur | |