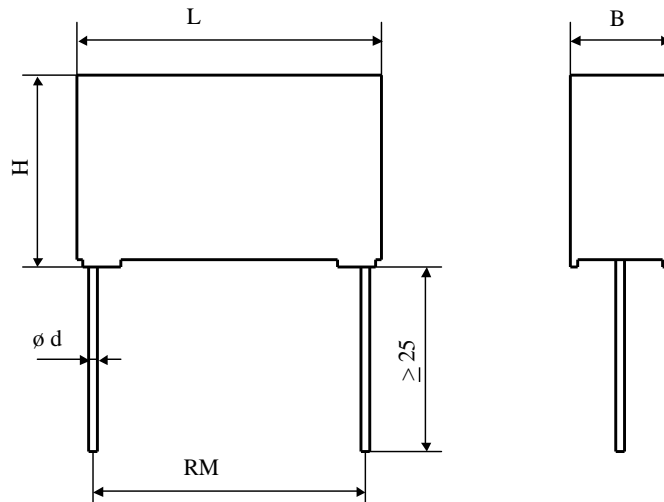


|        |                                                    |                          |
|--------|----------------------------------------------------|--------------------------|
| # 5468 | METALLIZED POLYPROPYLENE<br>+ FILM-FOIL CAPACITORS | TYPE<br>KPS 200-147 gs J |
|--------|----------------------------------------------------|--------------------------|



Dielectric: Polypropylene metallized + film-foil

Self-extinguishing plastic housing / Epoxy resin sealing

| Paramètre                         | Symbol                | Value     | Unit             | Condition            |
|-----------------------------------|-----------------------|-----------|------------------|----------------------|
| Capacitance                       | C                     | 47        | nF               | 20°C, 1 kHz          |
| Tolérance                         |                       | 5         | %                |                      |
| Rated voltage                     | Un DC                 | 2'000     | VDC              |                      |
| Rated voltage                     | Un AC                 | 600       | VAC              |                      |
| RMS Current                       | I <sub>eff</sub> max. | 5         | A <sub>eff</sub> | f > 35 kHz           |
| Slope of voltage variation        | du/dt max.            | 6'800     | V/μs             | max. repetitive      |
| Repetitive surge current          | I <sub>cr.</sub> max  | 320       | A                | max. repetitive      |
| Tangente delta                    | tgδ                   | ≤ 3.0 E-4 |                  | 1 V / 10 kHz / 20 °C |
| Stray inductance                  | ESL                   | < 25      | nH               |                      |
| Insulation resistance             | R <sub>i</sub>        | > 100'000 | MΩ               | 100 VDC - 1 min      |
| Test voltage between terminals    | U <sub>T1</sub>       | 3'200     | VDC              | 10 s.                |
| Climatic category                 |                       | 55/85/56  |                  |                      |
| Estimated operational life (-3 %) |                       | 100'000   | h                | Un / 70°C            |

| Dimension         | Symbole | Value      | Unité | Conditions |
|-------------------|---------|------------|-------|------------|
| Width             | B       | 16         | mm    |            |
| Height            | H       | 26         | mm    |            |
| Length            | L       | 31.5       | mm    |            |
| Terminals         |         |            |       |            |
| Axial tinned wire | d       | ø 0.8 x 25 | mm    |            |
|                   | RM      | 27.94      | mm    |            |

|                                                   |              |      |               |  |
|---------------------------------------------------|--------------|------|---------------|--|
| Valeurs indicatives, sous réserve de modification | M2           |      |               |  |
|                                                   | M1           |      |               |  |
|                                                   | M0           |      |               |  |
|                                                   | Modification | Date | Visa émetteur |  |

|               |                              |                                                                                     |     |            |                |
|---------------|------------------------------|-------------------------------------------------------------------------------------|-----|------------|----------------|
| Condensateurs | CH 1400 Yverdon, Switzerland |  | 289 | 26.01.2005 | faisab5468.XLS |
| Kondensatoren | Tel.: ++41 24 445 66 88      |                                                                                     |     |            |                |
| Capacitors    | Fax: ++41 24 445 66 89       |                                                                                     |     |            |                |