

PME260

- General purpose AC/DC
- Metallized paper

- IEC Publ. 166 Type 2
- High dU/dt capability.
- Excellent self-healing properties. Ensures long life even when subjected to frequent overvoltages.
- Good resistance to ionisation due to impregnated dielectric.
- Approved according to SE-MIL-QPL.
- The capacitors meet the most stringent IEC humidity class, 56 days.
- The impregnated paper ensures excellent stability giving outstanding reliability properties, especially in applications having continuous operation.

TYPICAL APPLICATIONS

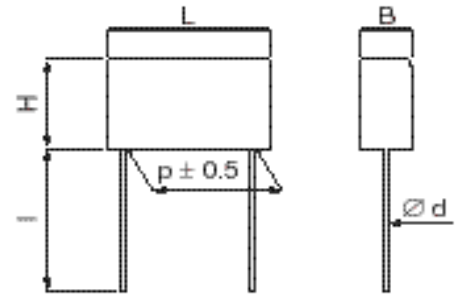
For general use in DC and low frequency pulse applications.

CONSTRUCTION

Single-layer metallized paper. Encapsulated and impregnated in self-extinguishing material meeting the requirements of UL 94V-0.

TECHNICAL DATA

| | |
|------------------------------|---|
| Rated voltage | 125 VAC and 250 VDC |
| Capacitance range | 0.047 – 2.0 μ F |
| Capacitance tolerance | \pm 10% (code K) \pm 5% for C = 2.0 μ F (code J) |
| Temperature range | AC application –40 to +70° C DC application –40 to +85° C |
| Climatic category | IEC 40/070/56 |
| Dissipation factor | 1.5 % at 1 kHz |
| Insulation resistance | Measured at 100 VDC after 60 s, +23° C C 0.33 μ F 3000 M 0.33 μ F < C < 2 μ F 1000 s C 2 μ F 200 M |



d = 0.6 for p = 10.2
0.8 for p = 15.2 and 20.3
1.0 for p = 25.4

l = standard: 30 \pm 5 \pm 0 mm
option: short leads, tolerance \pm 0 \pm 1 mm
(standard 6 mm, code R06)
Other lead lengths on request.

ENVIRONMENTAL TEST DATA

| | | | |
|-----------------------------|-----------------------|---|--|
| Vibration | IEC 68-2-6 Test Fc | 3 directions at 2 hour each 10 – 500 Hz at 0.75 mm or 98 m/s ² | No visible damage No open or short circuit |
| Bump | IEC 68-2-29 | 4000 bumps at 390 m/s ² Test Eb | No visible damage No open or short circuit |
| Solderability | IEC 68-2-20 | Solder globule method Test Ta | Wetting time for d 0.8 < 1 s for d > 0.8 < 1.5 s |
| Passive flammability | IEC 695-2-2 | | |
| Humidity | IEC 68-2-3 Test Ca | +40° C and 90 – 95% R.H. | 56 days |

ARTICLE TABLE

| Capacitance µF | Max dimensions in mm | | | | Quantity per package | | Weight g | Max dU/dt V/µs | Article code 1 st block |
|-----------------------------|----------------------|------|------|------|----------------------|------------|-------------|----------------------|----------------------------|
| | B | H | L | p | R30 pcs | R06 pcs | | | |
| LEAD SPACING 10.2 MM | | | | | | | | | |
| 0.047 | 5.1 | 10.5 | 13.5 | 10.2 | 800 | 1600 | 1.2 | 1000 | PME260AA5470K |
| LEAD SPACING 15.2 MM | | | | | | | | | |
| 0.068 | 5.2 | 10.5 | 18.5 | 15.2 | 500 | 1000 | 1.7 | 670 | PME260AB5680K |
| 0.10 | 5.2 | 10.5 | 18.5 | 15.2 | 500 | 1000 | 1.7 | 630 | PME260AB6100K |
| 0.15 | 5.2 | 10.5 | 18.5 | 15.2 | 500 | 1000 | 1.7 | 570 | PME260AB6150K |
| 0.22 | 7.3 | 13.0 | 19.0 | 15.2 | 400 | 800 | 3.0 | 480 | PME260AB6220K |
| 0.33 | 7.8 | 13.5 | 18.5 | 15.2 | 400 | 800 | 3.3 | 350 | PME260AB6330K |
| LEAD SPACING 20.3 MM | | | | | | | | | |
| 0.47 | 7.6 | 14.0 | 24.0 | 20.3 | 250 | 1500 | 4.0 | 260 | PME260AC6470K |
| 0.68 | 9.0 | 15.0 | 24.0 | 20.3 | 200 | 1200 | 5.0 | 210 | PME260AC6680K |
| 1.0 | 11.3 | 16.5 | 24.0 | 20.3 | 150 | 1000 | 7.0 | 190 | PME260AC7100K |
| LEAD SPACING 25.4 MM | | | | | | | | | |
| 1.5 | 15.3 | 22.0 | 30.5 | 25.4 | 75 | 600 | 15.0 | 170 | PME260AE7150K |
| 2.0 | 15.3 | 22.0 | 30.5 | 25.4 | 75 | 600 | 15.0 | 150 | PME260AE7200K |

ORDERING INFORMATION

| Article code | | | | | | | | | | | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1st block | | | | | | 2nd block | | | | | | | | | |
| See article table | | | | | | Options: | | | | | | | | | |
| Pos. 13, capacitance tolerance code: | | | | | | Short leads: e.g. 6 mm, add R06 in pos. 14–16. | | | | | | | | | |
| K = ± 10%, J = ± 5% | | | | | | Reel taped: Add T0 or T1 in pos. 14–15. | | | | | | | | | |
| P | M | E | 2 | 6 | 0 | A | B | 6 | 1 | 0 | 0 | K | R | 0 | 6 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

MARKING

- RIFA
- RIFA article code
- Rated capacitance
- Rated voltage AC/DC
- MP, for metallized paper
- Climatic category according to IEC 68-1, appendix A
- Manufacturing code (year, month)

PACKING

Capacitors in standard design (lead length 30 mm) and with L < 24 mm and lead length 5 or 6 mm are packed bulk in a box with dimensions 245 x 145 x 80 mm. Quantity/package as per article table.

Capacitors with L = 24 mm and lead length 5 or 6 mm are packed on trays piled in a box with dimension 300 x 260 x 195 mm. Quantity/package as per article table.

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