

# 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

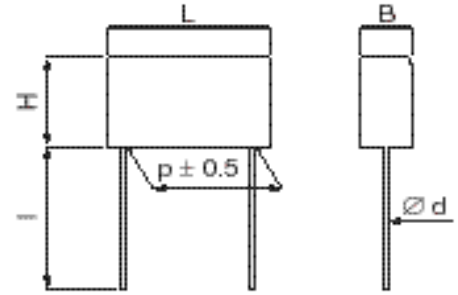
For general use in DC and low frequency pulse applications.

## CONSTRUCTION

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

## TECHNICAL DATA

<b>Rated voltage</b>	125 VAC and 250 VDC
<b>Capacitance range</b>	0.047 – 2.0 µF
<b>Capacitance tolerance</b>	± 10% (code K) ± 5% for C = 2.0 µF (code J)
<b>Temperature range</b>	AC application –40 to +70° C DC application –40 to +85° C
<b>Climatic category</b>	IEC 40/070/56
<b>Dissipation factor</b>	1.5 % at 1 kHz
<b>Insulation resistance</b>	Measured at 100 VDC after 60 s, +23° C C 0.33 µF 3000 M 0.33 µF < C < 2 µF 1000 s C 2 µF 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 ± 5/-0 mm  
option: short leads, tolerance +0/-1 mm  
(standard 6 mm, code R06)  
Other lead lengths on request.

## ENVIRONMENTAL TEST DATA

<b>Vibration</b>	IEC 68-2-6 Test Fc	3 directions at 2 hour each 10 – 500 Hz at 0.75 mm or 98 m/s <sup>2</sup>	No visible damage No open or short circuit
<b>Bump</b>	IEC 68-2-29	4000 bumps at 390 m/s <sup>2</sup> Test Eb	No visible damage No open or short circuit
<b>Solderability</b>	IEC 68-2-20	Solder globule method Test Ta	Wetting time for d 0.8 < 1 s for d > 0.8 < 1.5 s
<b>Passive flammability</b>	IEC 695-2-2		
<b>Humidity</b>	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			
<b>LEAD SPACING 10.2 MM</b>									
0.047	5.1	10.5	13.5	10.2	800	1600	1.2	1000	PME260AA5470K
<b>LEAD SPACING 15.2 MM</b>									
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
<b>LEAD SPACING 20.3 MM</b>									
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
<b>LEAD SPACING 25.4 MM</b>									
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**

<b>Article code</b>	
<b>1st block</b> See article table Pos. 13, capacitance tolerance code: K = ± 10%, J = ± 5%	<b>2nd block</b> Options: Short leads: e.g. 6 mm, add R06 in pos. 14–16. Reel taped: Add T0 or T1 in pos. 14–15.
<b>P M E 2 6 0 A B 6 1 0 0 K</b>	<b>R 0 6</b>
1 2 3 4 5 6 7 8 9 10 11 12 13	14 15 16 17 18 19 20

**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.