

PME261

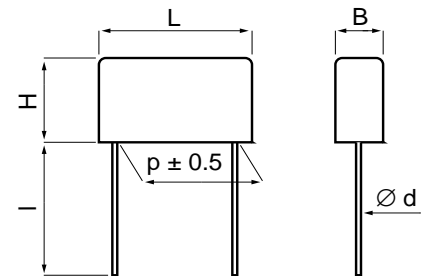
- General purpose AC/DC
- Metallized paper

- IEC Publ. 166 Type 1
- 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	CONSTRUCTION
For general use in DC and low frequency pulse applications.	Multi-layer metallized paper. Encapsulated and impregnated in self-extinguishing material meeting the requirements of UL 94V-0.

TECHNICAL DATA

	PME261 K	PME261 E	PME261 J
Rated voltage U_R , VAC	220	300	500
Rated voltage U_R , VDC	400	630	1000
Capacitance range, μF	0.0082 - 1.0	0.001 - 0.15	0.001 - 0.1
Capacitance tolerance	— $\pm 10\%$ code K $\pm 5\%$ code J	$\pm 20\%$ code M $\pm 10\%$ code K —	$\pm 20\%$ code M $\pm 10\%$ code K —
Temperature range	AC application -40 to +70°C DC application -40 to +100°C		
Climatic category	IEC 40/070/56		
Dissipation factor	$\leq 1.3\%$ at 1 kHz		
Insulation resistance	C $\leq 0.33 \mu\text{F}$ 12000 M Ω C $> 0.33 \mu\text{F}$ 4000 s PME261 K measured at 100 VDC after 60 s, +23°C PME261 E and J measured at 500 VDC after 60 s, +23°C		



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

Vibration	IEC 60068-2-6 3 directions at 2 hour each Test Fc 10 – 500 Hz at 0.75 mm or 98 m/s ²	No visible damage No open or short circuit
Bump	IEC 60068-2-29 Test Eb	4000 bumps at 390 m/s ² No visible damage No open or short circuit
Solderability	IEC 60068-2-20 Test Ta	Solder globule method Wetting time for d $\leq 0.8 < 1$ s for d $> 0.8 < 1.5$ s
Passive flammability	IEC 60695-2-2	
Humidity	IEC 60068-2-3 +40°C and 90 – 95% R.H. Test Ca	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			
220 VAC / 400 VDC PME261 K									
LEAD SPACING 10.2 MM									
0.0082	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261KA4820K
0.010	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261KA5100K
0.015	5.1	10.5	13.5	10.2	800	1600	1.2	2000	PME261KA5150K
0.022	5.1	10.5	13.5	10.2	800	1600	1.2	2000	PME261KA5220K
LEAD SPACING 15.2 MM									
0.033	5.2	10.5	18.5	15.2	500	1000	1.7	1600	PME261KB5330K
0.047	5.2	10.5	18.5	15.2	500	1000	1.7	1300	PME261KB5470K
0.068	7.3	13.0	19.0	15.2	400	800	3.0	1100	PME261KB5680K
0.10	7.3	13.0	19.0	15.2	400	800	3.0	850	PME261KB6100K
LEAD SPACING 20.3 MM									
0.15	7.6	14.0	24.0	20.3	250	1500	4.0	700	PME261KC6150K
0.22	8.4	14.0	24.0	20.3	200	1500	4.5	560	PME261KC6220K
0.33	11.3	16.5	24.0	20.3	150	1000	7.0	430	PME261KC6330K
LEAD SPACING 25.4 MM									
0.47	10.6	17.3	30.5	25.4	150	1000	8.0	370	PME261KE6470K
0.68	15.3	22.0	30.5	25.4	75	600	15.0	300	PME261KE6680K
1.0	15.3	22.0	30.5	25.4	75	600	15.0	220	PME261KE7100K
300 VAC / 630 VDC PME261 E									
LEAD SPACING 10.2 MM									
0.0010	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261EA4100M
0.0015	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261EA4150M
0.0022	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261EA4220M
0.0033	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261EA4330M
0.0047	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261EA4470M
0.0068	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261EA4680M
0.010	5.1	10.5	13.5	10.2	800	1600	1.2	2000	PME261EA5100K
0.015	5.1	10.5	13.5	10.2	800	1600	1.2	2000	PME261EA5150K
LEAD SPACING 15.2 MM									
0.022	5.2	10.5	18.5	15.2	500	1000	1.7	2000	PME261EB5220K
0.033	5.2	10.5	18.5	15.2	500	1000	1.7	2000	PME261EB5330K
0.047	7.3	13.0	19.0	15.2	400	800	3.0	1600	PME261EB5470K
0.068	7.3	13.0	19.0	15.2	400	800	3.0	1200	PME261EB5680K
LEAD SPACING 20.3 MM									
0.10	7.6	14.0	24.0	20.3	250	1500	4.0	900	PME261EC6100K
0.15	9.0	15.0	24.0	20.3	200	1200	5.0	650	PME261EC6150K

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			
500 VAC/ 1000 VDC PME261 J									
LEAD SPACING 10.2 MM									
0.0010	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261JA4100M
0.0015	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261JA4150M
0.0022	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261JA4220M
0.0033	3.9	7.5	13.5	10.2	1000	2000	0.7	2000	PME261JA4330M
0.0047	5.1	10.5	13.5	10.2	800	1600	1.2	2000	PME261JA4470M
0.0068	5.1	10.5	13.5	10.2	800	1600	1.2	2000	PME261JA4680M
LEAD SPACING 15.2 MM									
0.010	5.2	10.5	18.5	15.2	500	1000	1.7	2000	PME261JB5100K
0.015	5.2	10.5	18.5	15.2	500	1000	1.7	2000	PME261JB5150K
0.022	7.3	13.0	19.0	15.2	400	800	3.0	2000	PME261JB5220K
0.033	7.8	13.5	18.5	15.2	400	800	3.3	2000	PME261JB5330K
LEAD SPACING 20.3 MM									
0.047	7.6	14.0	24.0	20.3	250	1500	4.0	2000	PME261JC5470K
0.068	9.0	15.0	24.0	20.3	200	1200	5.0	1400	PME261JC5680K
0.10	11.3	16.5	24.0	20.3	150	1000	7.0	950	PME261JC6100K

ORDERING INFORMATION

Article code

1st block

See article table
Pos. 13, capacitance tolerance code:
See specification

P M E 2 6 1 E A 5 1 0 0 K

1 2 3 4 5 6 7 8 9 10 11 12 13

2nd block

Options:
Short leads: e.g. 6 mm, add R06 in pos.
14–16.
Reel taped: Add T0 or T1 in pos. 14–15.

R 0 6

14 15 16 17 18 19 20

See also pages 21 to 23 for options and article code construction.

MARKING

- RIFA
- RIFA article code
- Rated capacitance
- Rated voltage AC/DC
- MP, for metallized paper
- Climatic category according to IEC 60068-, 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 $L \geq 24$ 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.