PME264

• EMI suppressor, class X2, metallized paper

- 0.001 0.1 μF, 660 VAC, +85 °C
- Self-extinguishing encapsulation.
- 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.

TYPICAL APPLICATIONS

CONSTRUCTION

The capacitors meet the most

The impregnated paper ensures

reliability properties, especially in

applications having continuous

operation.

stringent IEC humidity class, 56 days.

excellent stability giving outstanding

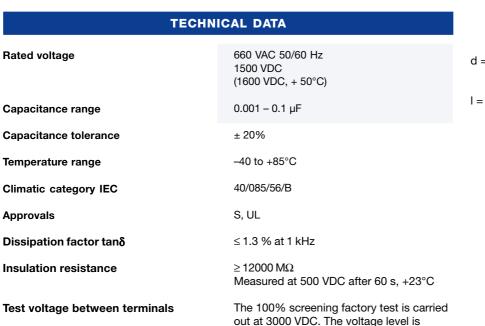
High AC and DC voltage applications, such as

- commutator capacitor in converters

- high voltage DC-capacitor in TV sets

- ignition circuits.

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



В

Т

- d = 0.8 for p = 15.2 and 20.3 1.0 for p = 25.4
- I = 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

selected to meet the requirements in applicable equipment standards.

Vibration	IEC 60068-2-6 Test Fc	3 directions at 2 hour each, 10 – 500 Hz at 0.75 mm or 98 m/s²	No visible damage No open or short circuit	
Bump	IEC 60068-2-29 Test Eb	4000 bumps at 390 m/s²	No visible damage No open or short circuit	
Solderability	IEC 60068-2-20 Test Ta	Solder globule method	Wetting time for $d \le 0.8 < 1 s$ for $d > 0.8 < 1.5 s$	
Active flammability	EN 132400			
Passive flammability	IEC 60384-14 (1993) EN 132400			
Humidity	IEC 60068-2-3 Test Ca	+40°C and 90 – 95% R.H.	56 days	



Certification Body

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ARTICLE TABLE

Capaci- tance	Max (in mn	dimens n	sions		Quan R30	tity per R06	package reel taped	Weight	Max dU/dt	Approvals ທີ⊐	Article code
μF	в	н	L	р	pcs	pcs	pcs	g	V/µs		
0.0010	5.2	10.5	18.5	15.2	500	1000	600	1.7	2000	$\sqrt{}$	PME264NB4100MR30
0.0015	5.2	10.5	18.5	15.2	500	1000	600	1.7	2000	$\sqrt{}$	PME264NB4150MR30
0.0022	5.2	10.5	18.5	15.2	500	1000	600	1.7	2000	$\sqrt{}$	PME264NB4220MR30
0.0033	5.2	10.5	18.5	15.2	500	1000	600	1.7	2000	$\sqrt{}$	PME264NB4330MR30
0.0047	5.2	10.5	18.5	15.2	500	1000	600	1.7	2000	$\sqrt{}$	PME264NB4470MR30
0.0068	7.3	13.0	19.0	15.2	400	800	400	3.0	1400	$\sqrt{}$	PME264NB4680MR30
0.010	7.3	13.0	19.0	15.2	400	800	400	3.0	1400	$\sqrt{}$	PME264NB5100MR30
0.015	7.6	14.0	24.0	20.3	250	1500	250	4.0	1400	$\sqrt{}$	PME264NC5150MR30
0.022	9.0	15.0	24.0	20.3	200	1200	250	5.0	1400	$\sqrt{}$	PME264NC5220MR30
0.033	11.3	16.5	24.0	20.3	150	1000	180	7.0	1000	$\sqrt{}$	PME264NC5330MR30
0.047	10.5	17.0	30.5	25.4	100	1000		8.5	1000	$\sqrt{}$	PME264NE5470MR30
0.068	12.1	19.0	30.5	25.4	100	800		10.0	1000	$\sqrt{}$	PME264NE5680MR30
0.10	15.3	22.0	30.5	25.4	75	600		15.0	600	$\sqrt{}$	PME264NE6100MR30

APPROVALS/REFERENCE DOCUMENTS

Approval reference

9649199/01 E100117

MARKING

• RIFA

- RIFA article code
- Rated capacitance
- Rated voltage
- X2
- SH, for self healing
- Climatic category according to IEC 60068-1, appendix A
- Passive flammability class
- Approval marks
- Manufacturing code (year, month)

ORDERING INFORMATION

The article code for the standard part is given in the article table. For other options, see page 21.

Specification

UL 1283 ($U_{_{\rm B}} = 600$ VAC)

EN 132400

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 $245 \times 145 \times 80$ mm. Quantity/ package as per article table.

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

Reels with taped capacitors are packed 10 in a box with dimension $370 \times 370 \times 560$ mm. The standard quantity/reel is for 360 mm reel. If 500 mm reel is required, it must be specified when ordering and the quantity is 2 x the given quantity.

