

What is a leaded tantalum capacitor?

A leaded tantalum capacitor is a type of tantalum capacitor that has metal leads for through-hole mounting on a printed circuit board. It is usually encapsulated in a small epoxy box to protect it from damage. Leaded tantalum capacitors can have different shapes, such as bead, axial, or radial.

What is a tin / lead capacitor?

Terminations are tin /lead (SnPb) or 100 % tin (RoHS-compliant). The capacitors have a hermetically sealed metal case with plastic film insulation. An extended capacitance range (type 749DX) is available. They have high operational stability with both time and temperature, low leakage current and a low dissipation factor.

What type of capacitor does exxelia make?

Exxelia develops both solid and wet tantalum capacitors. A tantalum capacitor is a specific type of electrolytic capacitor. It is made from a metal called tantalum, which is where it gets its name. Tantalum acts as an anode. The capacitor itself is covered in a thin layer of oxide, which allows it to act as the dielectric.

What types of tantalum capacitors are available?

Our solid polymertantalum capacitors are exclusively available in SMD formats. In addition to these, Exxelia offers wet tantalum capacitors designed for high-temperature applications up to 200°C, making them particularly suitable for the demanding environments of the oil and gas industry.

How do you encapsulate a tantalum capacitor?

It is usually encapsulated in a small epoxy box to protect it from damage. Leaded tantalum capacitors can have different shapes, such as bead, axial, or radial. They are marked with their capacitance and voltage ratings, either with figures or colour codes.

What are Kyocera AVX encapsulated tantalum capacitors?

KYOCERA AVX resin coated, encapsulated Tantalum Capacitors are leaded for through-hole assembly. They are available in fifteen case sizes, voltage ratings spanning 6.3 to 50V, and operating temperatures of up to 125°C. Packaging options include both loose and tape & reel for auto insertions.

Tantalum Capacitors - Solid Leaded 0.1uF 50volts 10% A case .10 LS Radial 199D104X9050A1V1E3; Vishay / Sprague; 1: INR171.80; 5,479 In Stock; Mfr. Part No. 199D104X9050A1V1E3. Mouser Part No 74-199D104X9050A1VE3. Vishay / Sprague:

Tantalum Capacitors - Solid Leaded 1uF 35volts 10% A case 0.2 LS Radial 199D105X9035A6V1; Vishay / Sprague; 1: \$1.75; 755 In Stock; Mfr. Part # 199D105X9035A6V1. Mouser Part # 75-199D105X9035A6V1. Vishay / Sprague: Tantalum Capacitors - Solid Leaded 1uF 35volts 10% A case 0.2 LS Radial.

Tantalum Capacitors - Solid Leaded 50V 0.22 uF 5% 125C 5% T212 CSR13 T212A224J050BS; KEMET; 150: \$13.66; Non-Stocked Lead-Time 52 Weeks; Mfr. Part # T212A224J050BS. Mouser Part # 80-T212A224J050BS. KEMET: Tantalum Capacitors - Solid Leaded 50V 0.22 uF 5% 125C 5% T212 CSR13: Datasheet. Product Comments. Non-Stocked Lead-Time 52 Weeks: 150: ...

Tantalum Capacitors - Solid Leaded 20V 15 uF 10% 125C 10% ESR=2.3 Ohms LS=5.08 mm T378 T378E156K020AS; KEMET; 1: \$19.36; 61 In Stock; Mfr. Part # T378E156K020AS. Mouser Part # 80-CX06J156K. KEMET: Tantalum Capacitors - Solid Leaded 20V 15 uF 10% 125C 10% ESR=2.3 Ohms LS=5.08 mm T378.

Our solid tantalum capacitors, featuring manganese dioxide (MnO₂) cathodes, are available in metal hermetically sealed packages and molded cases, supporting axial, radial, and SMD ...

Tantalum Capacitors - Solid Leaded 10uF 25volts 10% C case Radial 199D106X9025C6B1E3; Vishay / Sprague; 1: \$2.21; 1,652 In Stock; Mfr. Part # 199D106X9025C6B1E3. Mouser Part # 74-199D106X9025C6B1E. Vishay / Sprague: Tantalum Capacitors - Solid Leaded 10uF 25volts 10% C case Radial: Datasheet. 1,652 In Stock. Alternative Packaging. Cut Tape: 1 ...

Tantalum Capacitors - Solid Leaded 0.47uF 35volts 10% U case Axial 173D474X9035UWE3; Vishay / Sprague; 1: \$2.10; 3,263 In Stock; Mfr. Part # 173D474X9035UWE3. Mouser Part # 74-173D474X9035UWE3. Vishay / Sprague: Tantalum Capacitors - Solid Leaded 0.47uF 35volts 10% U case Axial.

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Tantalum Capacitors - Solid Leaded 47uF 6.3volts 10% D case .10 LS Radial 199D476X96R3D1V1E3; Vishay / Sprague; 1: \$2.48; 342 In Stock; Mfr. Part # 199D476X96R3D1V1E3. Mouser Part # 74-199D476X96R3D1VE3. Vishay / Sprague:

Radial, Capacitors manufactured by Vishay, a global leader for semiconductors and passive electronic components.

Subminiature, Leaded Solid Tantalum Capacitors FEATURES o Rectangular case with radial leads o 2 V DC to 35 VDC o 0.1 mF to 220 mF ... placed over positive lead in read or in contrasting color 0.75 [19.5] MIN. 1.00 [25.4] CX06 Vishay Sprague Revision: 09-Mar-12 2 Document Number: 43007

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