



# Polyester capacitor taping technology

The polyester capacitor capacitance ranges from 1nF -15% and works from 50 to 1500V. The tolerance ranges of the polyester capacitors are 5%, 10% & 20% and the polyester capacitor temperature coefficient is high. The isolation resistance of these capacitors is high, so these are the best choices for storage or coupling applications. These ...

**Metallized Polyester Film Capacitor Type: ECQE(F)** Non-inductive construction using metallized Polyester film with flame retardant epoxy resin coating Features oSelf-healing property oExcellent electrical characteristics oFlame retardant epoxy resin coating oRoHS directive compliant Recommended Applications oGeneral purpose usage Please contact us when applications are ...

223J2KV polyester film capacitor is Metallized polypropylene inner series structure with Self-healing It can be bear high voltage and Flame retardant. its made with epoxy resin wrapping The CBB81 22nF 223J 2000V Metalized Polypropylene Capacitor is a high-voltage capacitor designed for applications requiring stable performance, high reliability, and ...

For notes on taping, refer to chapter "Taping and packing". Dimensional drawing Dimensions in mm Lead spacing 0.4 Lead diameter d 1 0.05 Type 10 0.6 B32641B 15 0.8 B32642B 22.5 0.8 B32643B Double sided metallized polypropylene film capacitor MMKP B32641B ... B32643B High frequency Please read Cautions and warningsand Page2of37

For notes on taping, refer to page 279. Detail specifications Homologated in accordance with CECC 30 401-043 CECC 30 401-052/DIN 44 112 Dimensions in mm 1) 0,5 mm for capacitor width b = 4 mm Lead spacing 0,4 Diameter d1 Type 5,0 0,5 B 32 529 7,5 0,5 B 32 520 10,0 0,51) /0,6 B 32 521 15,0 0,8 B 32 522 22,5 0,8 B 32 523 27,5 0,8 B 32 524 Metallized Polyester Film ...

When using our capacitors, please consider the application contact Nissei for the any additional technical specifications relating to the limits of our performance characteristics. 2004-01316 METALLIZED POLYESTER FILM CAPACITOR Type MMX Dimensions(mm) 102 0.0010 7.3 6.5 3.7 5.0 5.0 0.6 9.8 5.5 3.5 7.5 5.0/7.5 0.6

T Taping package >Internal use cDigit 13 ... Technology Specifications Climatic category y55/105/56 Upper temperature y105 Operating Temperature Range y - 189; - g+85 -to 105 -: decreasing factor 1.25% per -for VR(dc) h Rated Voltage y 50/63Vo 100Vo 160Vo 250Vo 400V Capacitance Range y 0.001 fF~1.0 fF Capacitance Tolerance y r5% gJ h; r10% gK h Voltage ...

**Metallized Polyester Film Capacitor Series : ECQE(F)** Non-inductive construction using metallized Polyester film with flame retardant epoxy resin coating Features Recommended applications Explanation of part number 02 Sep. 2017



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Technology: s = Stacked-film technology / w = Wound capacitor technology Lead spacing 5.0 mm 7.5 mm 10.0 mm Type B32529 B32520 B32521 Page 6 10 12 Technology s s s s s s s s s s s s w VR (V DC) 63 100 250 400 630 63 100 250 400 63 100 250 400 630 VRMS (V AC) 40 63 160 200 400 40 63 160 200 40 63 160 200 200 CR ( $\epsilon_r$ ) 0.0010 0.0015 0.0022 0. ...

Non-inductive construction using metallized polyester film with flame retardant epoxy resin coating

The whole series capacitors that can be divided into five major types of more than 3,000 species such as: multilayer ceramic capacitor (radial, axial and SMD) Ceramic disc capacitors (low and high voltage) Aluminum electrolytic ...

**METALLIZED POLYESTER FILM CAPACITOR D.C. MULTIPURPOSE APPLICATIONS** Typical applications: blocking, coupling, decoupling, by-passing, interference suppression in low voltage applications (i.e.: AUTOMOTIVE). **PRODUCT CODE: R60** Note: Special version, in compliance with DIN 44122 is available upon request. Construction: o **STACKED** technology for pitch ...

The 3.3uF 250V Encased Metallized Polyester Film Capacitor emerges as a cornerstone in the intricate world of electronic components. The 3.3uF 275V Encased Metallized Polyester Film Capacitor's precise capacitance, voltage rating, and construction with metallized polyester film make it a reliable and versatile choice for a myriad of electronic applications. As we witness the ...

**Mylar Capacitor C111** polyester film capacitor (PEI) 1. Features and uses Epoxy resin vacuum-dipped enhances the mechanical strength and humidity resistance, high stability and reliability, high insulation resistance, low dissipation factor, small size, light weight and low cost, widely used in DC and pulse circuits of radio, TV sets and various electronic equipments .

Technology: s = Stacked-film technology/w=Wound capacitor technology Lead spacing 5.0 mm 7.5 mm 10.0 mm Type B32529 B32520 B32521 Page 6 9 10 Technology s s s s s s s s s s s s s V R (V DC) 50 63 100 250 400 630 63 100 250 400 63 100 250 400 630 V RMS (V AC) 32 40 63 160 200 400 40 63 160 200 40 63 160 200 200 C R (mF) 0.0010 0.0015 0.0022 ...

vibration. The capacitors are tested to IEC 60068-2-6. TDK offers film capacitors specially designed for operation under more severe vibration regimes such as those found in automotive ...

**Main features:** . High insulation resistance, excellent current carrying and pulse handling capability and a good capacitance stability. **METALIZED FILM CAPACITORS.** The electrodes of ...

Using the tool is the easiest way to find EPCOS snubber capacitors: Just enter the manufacturer's IGBT part number to obtain a search result of all suitable EPCOS snubber capacitors. By selecting rated voltage and/or capacitance as well as film/foil arrangement the number of capacitors in the search result can be reduced in a simple way.



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Using the tool is the easiest way to find EPCOS snubber capacitors: Just enter the manufacturer's IGBT part number to obtain a search result of all suitable EPCOS snubber capacitors. By selecting rated voltage and/or capacitance as ...

Poly Ethylene Naphtalate (PEN) is a relative to polyester but somewhat more heat resistant. Capacitors with this dielectric often are presented under the title polyester. The material attracts the interest mostly for SMD designs. They are manufactured in stack technology with a film thickness of down to 1.5 mm (0.06 mils). According to some ...

Technology: s = Stacked-film technology / w = Wound capacitor technology Lead spacing 5.0 mm 7.5 mm 10.0 mm Type B32529 B32520 B32521 Page 6 10 12 Technology s s s s s s s s s s s s s s s VR (V DC) 63 100 250 400 630 63 100 250 400 63 100 250 400 630 VRMS (V AC) 40 63 160 200 400 40 63 160 200 40 63 160 200 200 CR (&#181;F) 0.0010 0.0015 0.0022 0. ...

Technology: s = Stacked-film technology / w = Wound capacitor technology Lead spacing 15.0 mm 22.5 mm 27.5 mm Type B32522 B32523 B32524 Page 14 17 18 Technology s s/w s/w s w s w w w w w w w w w w VR (V DC) 63 100 250 400 450 630 63 100 250 400 630 63 100 250 400 630 VRMS (V AC) 40 63 160 200 200 200 40 63 160 200 200 40 63 160 200 220 CR (&#181;F) ...

12.7P crimped lead taping (ammo packing) 2000. 0.4. ECQE2104KB3. Resin dipped & radial leaded type. DC. 250-40 to 105 (85) 0.1. 0.1-10 to 10 . MPET. Metallized Polyester Capacitor. Not SMD. Not SMD. 7.9. 5.9. 14. 5. Crimped lead wire type (Style D) 12.7P crimped lead taping (ammo packing) 1000. 0.6. ECQE2103JBB. Resin dipped & radial leaded type. DC. 250-40 to ...

Technology: s = Stacked-film technology / w = Wound capacitor technology Lead spacing 5.0 mm 7.5 mm 10.0 mm Type B32529 B32520 B32521 Page 6 9 10 Technology s s s s s s s s s s s s s s s VR (V DC) 50 63 100 250 400 630 63 100 250 400 63 100 250 400 630 VRMS (V AC) 32 40 63 160 200 400 40 63 160 200 40 63 160 200 200 CR (&#181;F) 0.0010 0.0015 0. ...

Benefits. Voltage range: 50 - 400 VDC. Capacitance range: 0.001 - 4.7 mF. Lead Spacing: 5 mm. Capacitance tolerance: &#177;5%, &#177;10%, &#177;20%. Climatic category: 55/105/56. Operating ...

Tape Wrap & Fill Polyester. Polyester Film Foil and Metallized Polyester was the first film capacitor product lines. With a dielectric constant of over 3, it has volume efficiency superior to polypropylene. With film thicknesses down to 0.9 micron, ...



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Plastic Film Capacitors Capacitance tolerance  $\pm 5\%$  (J),  $\pm 10\%$  (K) (0.00010  $\mu\text{F}$  to 0.00039  $\mu\text{F}$ /50 V, 63 VDC:  $\pm 10\%$  only)  $\pm 5\%$  10 % Taping lead JK 50 VDC 63 VDC 100 VDC 200 VDC 1H 1J 1 2 Polyester Film Capacitor Type: ECQB(F) Designed for high density insertion applications Features oSmall in size oExcellent electric characteristics in non-inductive construction oRoHS ...

Submultiples. A pF (picofarad) is the smallest submultiple that exists to "practically" indicate capacity. I say practical because there are still smaller submultiples, SI Prefixes (International System of Units) (deci, centi, milli, micro, nano, pico, femto, atto, zepto and yocto), but they are not used in electronics. 1 picofarad is 1,000,000 (1 million) times less than 1 microfarad (mF).

For notes on taping, refer to chapter "Taping and packing". Dimensional drawing Dimensions in mm Lead spacing  $\pm 0.8$  Lead diameter d1  $\pm 0.05$  Type 1) 0.5 mm for capacitor width  $w \leq 5$  mm 10.0 0.61) B32591 15.0 0.6 B32592 22.5 0.8 B32593 27.5 0.8 B32594 Metallized polyester film capacitors (MKT) B32591 ... B32594 General purpose (stacked/wound)

capacitor. These parameters are given for isolated pulses in such a way that the heat generated by one pulse will be completely dissipated before applying the next pulse.

Technology s s/w s/w s w w w w w w w w w w VR (VDC) 63 100 250 400 450 630 63 100 250 400 630 63 100 250 400 630 Vrms (VAC) 40 63 160 200 200 200 40 63 160 200 200 40 63 160 200 220 CR ( $\mu\text{F}$ ) 0.033 0.047 0.068 0.10 0.15 0.22 0.33 0.47 0.68 1.0 1.5 2.2 3.3 4.7 6.8 10 15 22 33 47 68 Technology: s = Stacked-film technology / w = Wound capacitor ...

The shipping cartons are sealed with paper adhesive tape in order to ensure that only a single, uniform material needs to be disposed of. We are prepared, on principle, to take back the ...

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