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Calculated On Full Capacity Utilization. Jan 2th, 2024 Ceramic Capacitors (MLCCs)- Mechanical Damage (impact) • Aggressive Pick And Place – Thermal Shock (parallel Plate Crack) • Extreme Temperature Cycling • Hand Soldering • Do Not Touch Electrodes While Hand Soldering! – Flex Or Bend Stress • Occurs After Mounted To Board • Common For Larger Chips (>0805) Mechanical Damage. Flex Crack. Thermal Shock Crack Apr 6th, 2024 Flex Mitigation Multilayer Ceramic Capacitors Capacitance Solutions Worldwide. With 95% Of Possible Dielectric Solutions, KEMET Offers The World’s Most Complete Line Of Surface Mount And Through-hole Capacitor Technologies Across Tantalum, Ceramic, Film, Aluminum And Paper Dielectrics. One World. One KEMET. SOLUTIONS Flex Mitigation Multilayer Ceramic Capacitors Mechanical Isolation ... Mar 5th, 2024. AC Line Rated Ceramic Disc Capacitors Class X1, 760 V ... AC Line Rated Ceramic Disc Capacitors Class X1, 760 VAC, Class Y1, 500 VAC ADDITIONAL RESOURCES OPERATING TEMPERATURE RANGE-40 °C To +125 °C TEMPERATURE CHARACTERISTICS Class 1: N750 (U2J) Class 2: Y5S, Y5U, Y5V SECTIONAL SPECIFICATIONS Climatic Category (according To EN 60058-1) Class 1 And Class 2: 40/125/21 COATING According To UL 94 V-0 May 2th, 2024 AC Line Rated Ceramic Disc Capacitors Class X1, 440 VAC ... AC Line Rated Ceramic Disc Capacitors Class X1, 440 VAC, Class Y2, 300 VAC OPERATING TEMPERATURE RANGE-40 °C To +125 °C TEMPERATURE CHARACTERISTICS Class 1: N750 (U2J) Class 2: Y5S, Y5U SECTIONAL SPECIFICATIONS Climatic Category (according To EN 60058-1) Class 1 And Class 2: 40/125/21 COATING According To UL 94 V-0 Apr 5th, 2024 AC Line Rated Ceramic Disc Capacitors Class X1, 440 V AC ... AC Line Rated Ceramic Disc Capacitors Class X1, 440 VAC, Class Y2, 300 VAC OPERATING TEMPERATURE RANGE-40 °C To +125 °C TEMPERATURE CHARACTERISTICS Class 1: N750 (U2J) Class 2: Y5S, Y5U SECTIONAL SPECIFICATIONS Climatic Category (according To EN 60058-1) Class 1 And Class 2: 40/125/21 COATING According To UL 94 V-0 Epoxy Resin, Isolating ... Mar 3th, 2024. Radial Leaded Ceramic Disc Capacitors Safety Standard ... Radial Leaded Ceramic Disc Capacitors Safety Standard Recognized, 900 Series, Encapsulated, AC Type, X1 440 VAC/Y2 300 VAC (Industrial Grade) Ordering Information C9 7 1 U 472 M Z W D A A 7317 Ceramic Series Body Diameter Lead Spacing 1,2,4 Spec. Capacitance Code (pF) Capacitance Tolerance Rated Voltage Dielectric/ Temp. Char. Design Lead Config ... Mar 3th, 2024 Lead Type Disc Ceramic Capacitors (Safety Standard Certified) ... Safety Standard Certified Lead Type Disc Ceramic Capacitors For Automotive Type KJ -Class X1, Y2- (For Automotive Use/AC Line Filter Of PHEV/EV Charger) P59 Type KJ Specifications And Test Methods P60 Characteristics Data (Typical Example) P64 Packaging P65! Caution P66 Notice P69 Lead Type Disc Ceramic Capacitors (Safety Certified)/ Mar 5th, 2024 AC Line Rated Ceramic Disc Capacitors Class X1, 760 VAC ... AC Line Rated Ceramic Disc Capacitors Class X1, 760 VAC, Class Y1, 500 VAC LINKS TO ADDITIONAL RESOURCES OPERATING TEMPERATURE RANGE-55 °C To +125 °C TEMPERATURE CHARACTERISTICS Y5U SECTIONAL SPECIFICATIONS Climatic Category (according To EN 60058-1) Class 2: 55/125/21 MOLDING According To UL 94 V-0 Epoxy Resin, Isolating, Flame Retardant ... Mar 5th, 2024. AY2 Sample Kit AC Line Rated Ceramic Disc Capacitors Class ... AC Line Rated Ceramic Disc Capacitors Class X1, 440 VAC, Class Y2, 300 VAC The Sample Kit

Contains A Total Of 7 Capacitance Values With 10 Pieces Each. FEATURES • AEC-Q200 Qualified • Withstand More Than 1000 Temperature Cycles (from -55 °C To +125 °C) • Complies With IEC 60384-14 4th Edition • High Reliability Jan 1th, 2024 SINGLE-LAYER CERAMIC CAPACITORS AC Line Rated Ceramic Disc Capacitors Class X1, 760 V AC, Class Y1, 500 V OPERATING TEMPERATURE RANGE -40 °C To +125 °C TEMPERATURE CHARACTERISTICS Y5U SECTIONAL SPECIFICATIONS Climatic Category (according To EN 60058-1) 40/125/21 COATING According To UL 94 V-0 Epoxy Resin, Isolating, Flame Retardant Halogen-free APPROVALS IEC 60384-14.3 UL ... Mar 3th, 2024 AC Line Rated Ceramic Disc Capacitors Class X1, 400 VAC ... AC Line Rated Ceramic Disc Capacitors Class X1, 400 VAC / Class Y2, 300 VAC / 250 VAC INSULATION RESISTANCE Min. 1000 F TOLERANCE ON CAPACITANCE $\pm 20\%$ DISSIPATION FACTOR 2.0 % Max. At 1 KHz; 1 V CERAMIC DIELECTRIC Y5S (Class 2) CLIMATIC CATEGORY ACC. TO EN 60068-1 25/125/21 OPERATING TEMPERATURE RANGE -30 °C To +125 °C FEATURES Mar 4th, 2024. High Voltage Ceramic Capacitors Ceramic Capacitors: DC Applications Only DC Rated Ceramic Capacitors Are Rated For Similar AC Rated Applications. Safety Rated Capacitors Are Necessary In All Safety Circuit Designs X7R Dielectric Cannot Be Used In AC Applications There Is A Simple "Rule Of Thumb" For AC Rated Applications. MLCCs Cannot Be Substituted For DISCs May 3th, 2024

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