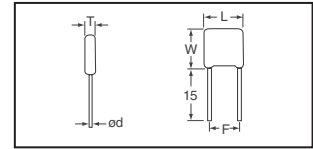




High Capacitance Dipped Radial Leaded Multilayer Ceramic Capacitors



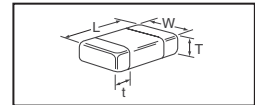
Features: • Small size and large capacitance • High ripple current • Y5U temperature characteristic • Excellent noise absorption • Superior humidity characteristic • Long life • Resin (UL94V-0) used for coating

Applications: • Automotive equipment • Smoothing circuit of switching mode AC-DC or DC-DC converter • Noise suppressor for various kinds of equipment • By-pass or decoupling circuits

Table with columns: Voltage (VDC), Capacitance (µF), Maximum Ripple Current (Arms), Dimensions mm (L max., W max., T max., F±0.8, ød±0.05), Digi-Key Part No., Price Each (1, 10, 100), and United Chemi-Con Part No. Rows include voltage levels 16, 25, 50, 100, and 250.



Multilayer Ceramic Chip Capacitors - Prohibits Surface Arc-over in High Voltage Applications - VJ HV Arc Guard™ Series

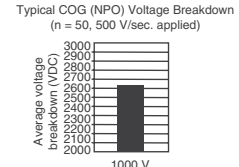
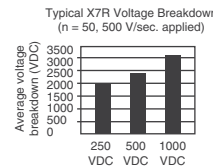


Features: • Protects against surface arc-over • Higher capacitance and smaller case size that save board space • Voltage breakdowns are twice that of some competitor products • Excellent reliability and high voltage performance

Applications: • DC-to-DC converters (Buck and Boost) • Voltage multipliers for flyback converters • Lighting ballast circuits • Power supplies

Electrical Specifications: • Temperature Coefficient of Capacitance: • X7R: ±15% from -55°C ~ 125°C, with 0 Vdc applied • COG (NPO): 0 ±30ppm/°C from -55°C ~ 125°C

Table with columns: Size Code, Dimensions - mm (L, W, T, t), and values for size codes 0805, 1206, 1210, 1808, and 1812.



Large table with columns: Size Code, Type, WV DC, Capacitance, Tolerance, Digi-Key Part No., Cut Tape Pricing (1, 10, 100), Digi-Key Part No., Tape and Reel Qty., Pricing, and Vishay Part No. Rows include size codes 0805 and 1206.

(Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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