

Table with columns: W.V., Cap. (µF), ESR (Ω), Ripple Current (100KHz/105°C), Digi-Key Part No., Cut Tape Price Each (1, 50, 100), Tape and Reel (Qty, Pricing), Panasonic Part No.

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† 260°C Reflow ‡ For Tape and Reel part number, change CT-ND to TR-ND.



H Series Specialty Polymer Aluminum Electrolytic Chip Capacitors Surface Mount Type



Features:

- High Reliability (125°C) • Low ESR and High Ripple Current

Specifications:

Operating Temperature Range: -40°C ~ 125°C • Capacitance Tolerance: ±20% (120Hz/20°C) • DC Leakage Current: Is 0.1CV after 2 minutes • Dissipation Factor: 0.1 max (120Hz/20°C) • Surge Voltage: Rated Working Voltage x 1.25 (15°C ~ 35°C) • Endurance: After applying rated working voltage for 1,000 hours or derated voltage (working voltage x 0.875 at 115°C or working voltage x 0.75 at 125°C) and then being stabilized at 20°C, the capacitor shall meet the following limits. Capacitance change ±10% of initial measured value. D.F. ≤ Initial specified value • Moisture Resistance: (After storing for 500 hours at 60°C, 90% R.H.) Capacitance Change (2V / 2.5V: +70%, -20%, 4V: +60%, -20%, 6.3V: +50%, -20%, 8V: +40%, -20% of initial measured value). DF ≤ 200% initial specified value. DC leakage current (initial specified value).

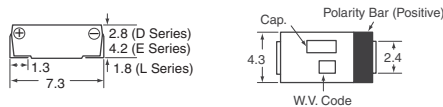


Table with columns: W.V., Cap. (µF), ESR (Ω), Ripple Current (100KHz/125°C), Digi-Key Part No., Cut Tape Price Each (1, 50, 100), Tape and Reel (Qty, Pricing), Panasonic Part No. Includes HD Series, HE Series, and HL Series.

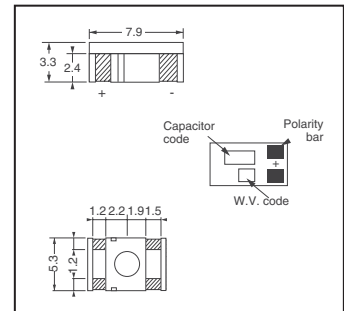
‡ For Tape and Reel part number, change CT-ND to TR-ND.

SP/CB Series Specialty Polymer Aluminum Electrolytic Capacitors, Surface Mount Type



Features: • Excellent noise-absorbent characteristics • Surface mountable (Flow and reflow soldering method available) • Very stable capacitance, impedance and ESR against temperature • Excellent endurance characteristics due to an adoption of solid electrolyte Specifications: Operating Temperature Range: -40°C ~ 105°C • Capacitance Tolerance: ±20% (120Hz, 20°C) • Leakage Current: Is 0.04CV or 3µA after 2 minutes • Dissipation Factor: ≤0.06 (120Hz, 20°C) • Permissible Current Between Terminals with Same Polarity: 2A DC maximum (This shall be applicable only when each terminal is landed individually.) • Surge Voltage: Rated working voltage x 1.25 • Endurance: After applying rated working voltage for 1000 hours at 105°C, and then being stabilized at 20°C, capacitor shall meet the following limits: Capacitance Change (±10% of initial measured value); tan, Impedance and DC Leakage Current (Initial specified value).

Table with columns: Rated W.V. (VDC), Nom. Cap. (µF), Digi-Key Part No., Cut Tape Price Each (1, 50, 100), Digi-Key Part No., Tape and Reel Pricing (3,000), Panasonic Part No.



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.

Free shipping on orders over £50! All prices are in British pound sterling and include duties.

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