

Panasonic FC Series Aluminum Electrolytic Capacitors, Surface Mount Type (Cont.)



Table with columns: Rated W.V. (VDC), Nom. Cap. (µF), tan δ ≤ Spec. Values (120Hz, 20°C), Impedance (Ω), Max. Leak. Current (µA), Size Code, Max. Ripple Cur. (100kHz, 105°C), Digi-Key Part No., Cut Tape Pricing (1, 50, 100), Digi-Key Part No., Tape and Reel (Qty, Pricing), Panasonic Part No.

Panasonic FC Series Aluminum Electrolytic Capacitors, Surface Mount Type — High Temperature Reflow (260°C)



Features: • Low Impedance (50% less than HA Series) • Life Time: 1000H @ 105°C • High CV Volumetric Efficiency • Tape and Reel Packaging for Automatic Placement Specifications: • Operating Temperature Range: -40°C - 105°C • Capacitance Tolerance: ±20% (120Hz, 20°C) • Leakage Current: I ≤ 0.01CV or 3(µA) whichever is greater measured after a 2 minute application of rated working voltage at 20°C • Low Temperature Characteristics: Impedance ratio (120Hz)

F

Soldering: Reflow (I.R. or I.R. + Heated Air. VPS not allowed.)

Table with columns: Can Size - mm (Size Code), Peak Temperature, Duration (Temp. ≥230°C), Duration (Temp. ≥255°C), Reflow Frequency

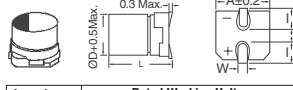


Table with columns: Impedance (120Hz), Rated Working Voltage (6.3V, 10V, 16V, 25V, 35V) for -25°C/20°C and -40°C/20°C

Table with columns: Size Code, Dimensions - mm (D, L, A, I, W, P)

† Capacitor must return to room temperature before the second reflow.

Large table with columns: Rated W.V. (VDC), Nom. Cap. (µF), tan δ ≤ Spec. Values (120Hz, 20°C), Impedance (Ω), Max. Leak. Current (µA), Size Code, Max. Ripple Cur. (100kHz, 105°C), Digi-Key Part No., Cut Tape Pricing (1, 50, 100), Digi-Key Part No., Tape and Reel (Qty, Pricing), 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.

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