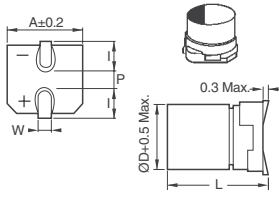


Panasonic **FK Series Aluminum Electrolytic Capacitors, Surface Mount Type**



Features: • Low Impedance (40-60% lower than FC) • Small Size (30-50% smaller than FC) • Long Life: 2000-5000H @ 105°C • High CV Volumetric Efficiency • Tape and Reel Packaging for Automatic Placement
Specifications: • Operating Temperature Range: -55°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)
Soldering: • Reflow: 3 - 6mm case 250°C for 5 seconds; 8 - 10mm case 235°C for 5 seconds; 12.5 - 18mm case for 230°C for 5 seconds

Size Code table with dimensions (mm) for codes B, C, D, D8, E, F, G, H13, J16, K16. Dimensions include diameter (øD), length (L), width (W), and thickness (P).

Impedance table showing values for 120Hz at various working voltages (6.3V, 10V, 16V, 25V, 35V, 50V, 63V, 80V, 100V) across temperature ranges: -25°C/+20°C, -40°C/+20°C, -55°C/+20°C.

Following specified values:

Main product table with columns: Rated W. V. (VDC), Nom. Cap. (µF), tan δ ≤ Spec. Values (120Hz, +20°C), Impedance (Ω), Max. Leakage Current (µA), Size Code, Max. Ripple Cur. (mA rms) at 100kHz/105°C, Digi-Key Part No., Cut Tape Pricing (50, 100), Digi-Key Part No., Tape and Reel Qty./Pricing, and Panasonic Part No. Rows are grouped by capacitor size (6.3, 10, 16, 25) and various capacitance values.

F

(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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