

Panasonic SMT Capacitors ECW-U and ECH-U (Cont.)



ECW-U(X) Series

Specifications: • Operating Temperature: -55°C ~ 105°C • Rated Voltage: 100VDC • Withstanding Voltage Between Terminals: Rated Voltage x 175% 1 to 5s • Dissipation Factor: ≤1.0% (20°C, 1kHz) • Insulation Resistance: ≥3000MΩ (20°C, 100VDC 60s) • Reflow Soldering Conditions: 240°C maximum and 30 seconds maximum at more than 210°C (temperature at cap surface)

Table with columns: Case Size, WV DC, Cap. µF, Dim. H (mm), Digi-Key Part No., Cut Tape Pricing (1, 50, 100), Tape and Reel Qty./Pricing, Panasonic Part No.

ECW-U (V16) and (V17) Series

Specifications: • Operating Temperature: -55°C ~ 85°C • Rated Voltage: 250VDC, 400VDC • Withstanding Voltage Between Terminals: (250VDC) 400VDC for 60s; (400VDC) 600VDC for 60s • Dissipation Factor: ≤1.0% (20°C, 1kHz) • Insulation Resistance: (250VDC) ≥3000MΩ • Reflow Soldering Conditions: 230°C maximum and 30 seconds maximum at more than 210°C (temperature at cap surface)

Table with columns: Case Size, WV DC, Cap. µF, Dim. H (mm), Digi-Key Part No., Cut Tape Pricing (1, 50, 100), Tape and Reel Qty./Pricing, Panasonic Part No.

ECH-U(B) Series

Specifications: • Operating Temperature: -55°C ~ 125°C • Rated Voltage: 50VDC • Capacitance Tolerance: 2%, 5% • Withstanding Voltage (between terminals): Rated Voltage x 175% 1 to 5s • Dissipation Factor: ≤0.6% (20°C, 1kHz) • Insulation Resistance: ≥3000MΩ (20°C, 60s) • Soldering Conditions: (Flow) 260°C maximum and 5 seconds maximum; (Reflow) 260°C maximum, 30 seconds maximum at more than 230°C (temperature at cap surface)

Table with columns: Case Size, WV DC, Cap. µF, Dim. H (mm), Digi-Key Part No., Cut Tape Pricing (1, 50, 100), Tape and Reel Qty./Pricing, Panasonic Part No.

† For Tape and Reel part number, change CT-ND to TR-ND. ♦ RoHS Compliant (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.

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

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