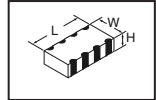


Table with columns: Size Code, Dimensions - mm (L, W, H), Current Rating Max. (mA) Continuous, Typical Impedance @ 100MHz (Ω), Typical Peak Impedance (Ω), Peak Impedance Frequency (MHz), Digi-Key Part No., Cut Tape Pricing (10, 50, 100), Digi-Key Part No., Tape and Reel (Qty., Pricing), Steward Part No.

240-2227-ND Surface Mount Ferrite Chip Bead Sample Kit (10 - 30 samples of each part listed) 41.58

EMI Filters, Chokes, Chips and Power Inductor Chips Surface Mount Four Line Chip Arrays for Differential Signal Filtering

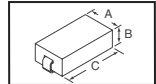


Features: • Small footprint • Rugged construction • Broad range of impedance values • Good high frequency performance (peaks well above 100MHz) • Lower installation cost (one pick and place motion instead of four discrete installations) • Equivalent performance to four 0603 sized chips

Table with columns: Size Code, Dimensions - mm (L, W, H), Typical Impedance (Ω) @ 100MHz, Typical Peak Impedance (Ω), Peak Impedance Frequency (MHz), Number of Filtered Circuits, Current Rating I Max. (mA) Continuous, Digi-Key Part No., Cut Tape Price Each (10, 50, 100), Digi-Key Part No., Tape and Reel (Qty., Pricing), Steward Part No.

Single Line Surface Mount Differential Mode Bead Assemblies

Steward SMT Bead Assemblies provide filtering in circuits carrying up to 10 Amps continuous current. Products are offered for low frequency and high frequency EMI filtering. The robust construction and low DCR are well suited for applications operating in extreme conditions or applications that are sensitive to added circuit DCR.



Features: • 10 Amps Continuous Operating Current Capability • Very Low DCR • Broadband (28F) and Low Frequency (35F) parts available

Table with columns: Size Code, Dimensions - mm (A, B, C), Typical Impedance (Ω) @ 100MHz, Typical Peak Impedance (Ω) @ 500MHz, Peak Impedance Frequency (MHz), DCR Max. (Ω), Rated I Max. Continuous (mA), Digi-Key Part No., Cut Tape Pricing (10, 50, 100), Digi-Key Part No., Tape and Reel (Qty., Pricing), Steward Part No.

Power Inductor Chip / Monolithic Surface Mount

Steward's D12220V301R-10 is a surface mount, high current power inductor (the industry's smallest package) with exceptional performance under DC Bias

Features: • Very low DCR provides superior thermal performance under DC bias • Compact, monolithic component produces flat inductance over the driven current range (from 3 - 8 amps) comparable to a larger, heavier, wire-wound toroidal inductor • EMI resistant, fully shielded internal coil • Tuned to work with high frequency multiphase DC-DC converters • Mounting can be on back side of PC boards • Low profile, small footprint and vibration resistant

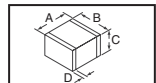


Table with columns: Size Code, Dimensions - mm (A, B, C, D), L @ 2MHz Typical nH (±10%), DCR Max. (Ω), Rated I Max. Continuous (mA), Digi-Key Part No., Cut Tape Pricing (10, 50, 100), Digi-Key Part No., Tape and Reel (Qty., Pricing), Steward Part No.

(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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