

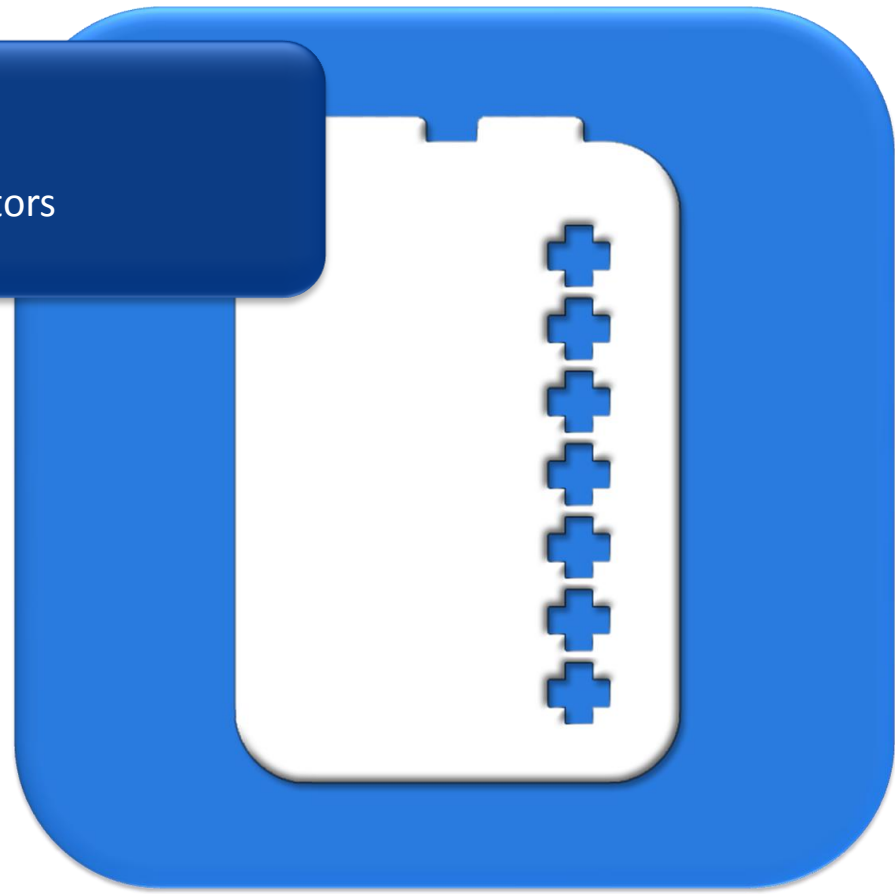
Capacitor Products

EFC Wesco DC Link Capacitors

February, 2015



EFC WESCO



EFC Wesco C-Series DC Link Capacitors

EFC Wesco's C-Series lines of DC Link capacitors are made from Highly reliable low loss metallized polypropylene film. Due to their outstanding electrical characteristics and long life, they are an ideal, cost effective choice for replacing high voltage electrolytic capacitors.



800-433-6600 sales@atcomhq.com www.atcomhq.com

Capacitor Products

EFC Wesco DC Link Capacitors

Overview

Key Benefits

- High Density Design: Capacitance/Volume Ratio
- Low ESR/Dissipation Factor
- High RMS Current Capabilities
- Non-Polar Dry Construction
- Excellent Mechanical Stability
- Up to 1500 VDC
- Open Circuit Failure
- Life Expectancy up to 200,000 Hours
- Unlimited Shelf Life

Applications

- Solar/Wind Inverters
- Motor Drives
- UPS Systems
- Switch Mode Power Supplies
- DC Bus Bar Support
- Electric Drive Systems
- Automotive - Industrial & Alternative Energy
- Smoothing/Filtering of a Circuit

Development

Capacitance ranges are wide, from less than 1 μF to thousands of μFs . Proven new technologies are making films a possible and cost effective replacement for electrolytics. These technologies include segmented and/or light metallization. Through these technologies, dielectric withstanding is greatly increased. For instance, in the past, polypropylene would be rated at about 1000 volts per mil, for DC link types, the rating goes to 3750 volts per mil. This enables EFC Wesco to pack much more capacitance in less volume. In addition, DC link capacitors also have excellent self healing and fault isolation/separation characteristics.

Mechanical
Overview

Mechanical
Overview
Cont.



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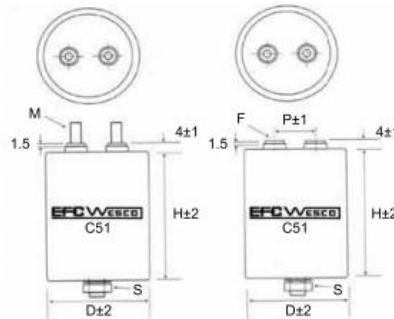
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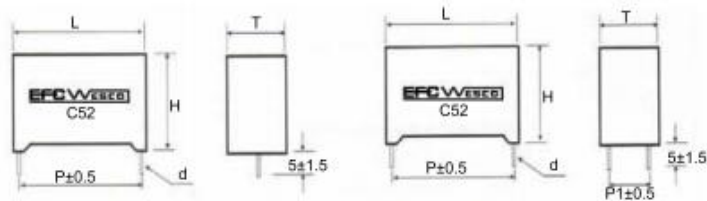
Mechanical
Overview

Mechanical
Overview
Cont.

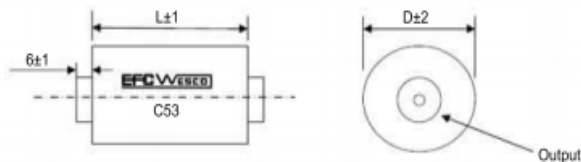
•C51 Series - Round Aluminum Case



•C52 Series - Radial Lead Box



•C53 Series - Tape Wrapped w/ Resin Sealing



Capacitor Products

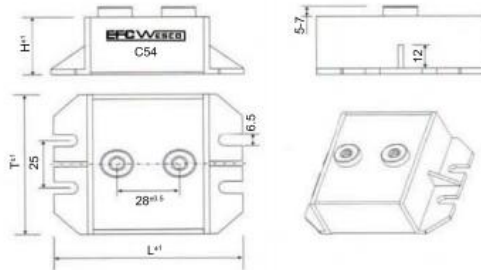
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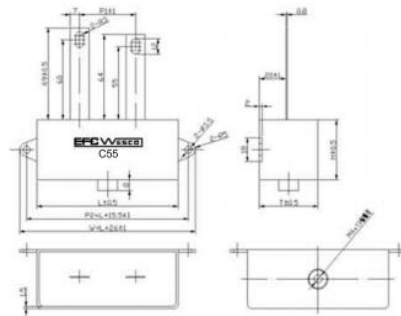
Mechanical
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Mechanical
Overview
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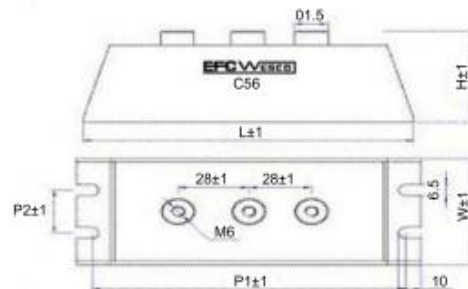
•C54 Series - Square Plastic Box



•C55 Series - Plastic Casing



•C56 Series - Aluminum Case w/ Resin Sealing



Capacitor Products

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Ordering Information

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