
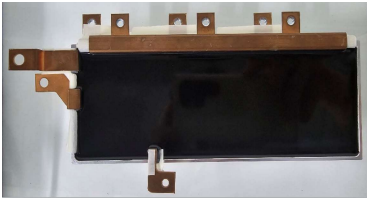
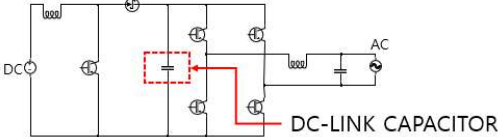
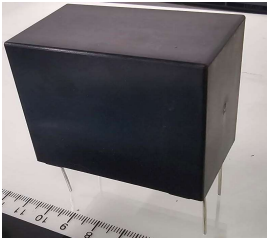


KOREAN COMPANY PROFILE							KOTRA	
사업 참여방식 선택			현장참가 ()		미현장참가 ()			
<div>SUNGHO ELECTRONICS</div>					TIER <input checked="" type="checkbox"/> DEM <input type="checkbox"/> Tier 1 <input checked="" type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 3 <input type="checkbox"/> V/S & MRO		INDUSTRY(AREA) <input type="checkbox"/> Aerospace <input checked="" type="checkbox"/> Automotive <input type="checkbox"/> Heavy Equipment <input checked="" type="checkbox"/> T/Electronics <input type="checkbox"/> Machinery <input type="checkbox"/> Materials <input type="checkbox"/> Medical <input type="checkbox"/> Plant Equipment <input type="checkbox"/> Power Equipment <input type="checkbox"/> Shipbuilding <input type="checkbox"/> Others	
GENERAL INFORMATION					FINANCIAL& EXPORT DATA			
Registered Number	119-81-02505	Established Year	1973	Certifications	ISO9001 ISO140001 QC080000 IATF16949	(mil US\$)	2022	2023
HQ location	Seoul, Korea	Overseas Sales Office & Plant	Taiwan (sales office) Zhuhai, China (plant) Weihai, China (plant) Hanoi, Vietnam (plant)	Number of employees (*R&D)	1,438 (17)	Annual Sales	160,047,292	118,135,115
						Annual Exports	26,916,114	27,325,887
SALES INFORMATION								
Major sales region (%)	Taiwan, China (50%) Korea (30%) Europe (10%) USA (8%) Other (2%)		Major customer (%)	Delta (30%) Samsung (15%) LG Innotek (15%) Hansol (13%) Hanwha Solution (10%) Other (17%)		Major products (%)	Power Supply (65%) Film capacitors (30%) Metallized film (5%)	
PRODUCT INFORMATION								
			<p>1. Function: The DC-link capacitor temporarily stores the DC power generated in the electric vehicle power conversion system. It supplies the necessary power to components such as the power inverter and the system.</p> <p>2. Voltage Stabilization: By charging and discharging, the DC-link capacitor dampens voltage fluctuations that occur in the electric vehicle power conversion system. This stabilizes the voltage, allowing components like the power inverter and the system to operate reliably.</p> <p>3. Noise Reduction: The DC-link capacitor reduces high-frequency noise generated in the power conversion system. This stabilizes the voltage supply and enhances the signal quality of the system.</p>					
DC-Link Capacitor Module for Electric Vehicle Inverters (450V 230uF)								
			<p>1. The power conversion systems (inverters) in electric vehicles support cooling systems. However, there are areas inside the inverter where the temperature can exceed 100°C due to heat accumulation. Limitations of Standard Film Capacitors:</p> <p>2. Typical film capacitors are recommended for ambient temperatures up to 70°C and guarantee a maximum operating temperature of 85°C. Advantages of High-Temperature Film Capacitors:</p> <p>3. These capacitors can operate at ambient temperatures up to 120°C (under voltage derating conditions), ensuring safety and reliability even in short-term high heat concentration scenarios. This makes them well-suited for use in environments where temperatures exceed the limits of standard capacitors.</p>					
High-Temperature Film Capacitor (1100V 40uF)								
COMPANY OVERVIEW					Competitiveness & Sales Points			
<p>Sungho Electronics is the market leader in film capacitors in South Korea, supplying to major corporations such as Samsung and LG. In addition to film capacitors, Sungho Electronics has expanded its business to include the manufacture of Power Supply Units (PSUs).</p> <p>The company's film capacitors are developed for various applications, including solar power and electric vehicles, maintaining competitiveness in the market.</p> <p>Sungho Electronics has production facilities in China and Vietnam to produce customized products to customer needs. Sungho Electronics continues to strengthen its business competitiveness through technological innovation and a diverse product lineup, and is successfully operating in the global market.</p>					<p>1. Overseas Manufacturing Subsidiaries: Currently operating three manufacturing subsidiaries in Weihai and Zhuhai, China, and Hanoi, Vietnam. These efforts are aimed at localization and securing export networks abroad.</p> <p>2.Raw Materials: Self-deposition of film (150 tons per month). In-house production of plastic cases.</p> <p>3.Facilities: 70% of the production lines are developed and manufactured in-house.</p> <p>4.Technology: Established mass production system for Segment film since 2009. Holds world-leading patents for noise reduction.</p>			
HOME PAGE ADDRESS								
www.sungho.net								
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