


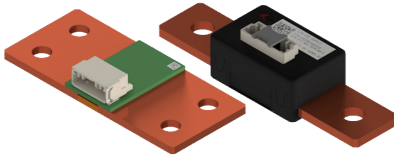


KOREAN COMPANY PROFILE						KOTRA	
사업 참여방식 선택			현장참가 ()		미현장참가 (O)		
<div>SMART Electronics Inc.</div>					TIER <input type="checkbox"/> OEM <input type="checkbox"/> Tier 1 <input checked="" type="checkbox"/> Tier 2 <input checked="" type="checkbox"/> Tier 3 <input type="checkbox"/> A/S & MRO		INDUSTRY(AREA) <input type="checkbox"/> Aerospace <input checked="" type="checkbox"/> Automotive <input type="checkbox"/> Heavy Equipment <input checked="" type="checkbox"/> IT/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	620-81-10636	Established Year	1995	Certifications	ISO9001/14001/45001 IATF16949	(mil US\$)	
HQ location	Ulsan, Korea	Overseas Sales Office & Plant	Dongguan(China) Hanoi(Vietnam)	Number of employees (*R&D)	108(28)	Annual Sales	2022: \$32,922,407 2023: \$36,897,426
SALES INFORMATION							
Major sales region (%)	Korea (40%) China (30%) Japan (20%) Vietnam (10%)		Major customer (%)	LG Electronics Inc (50%) Samsung Electronics Inc (30%) LG Magna (10%) ETC (10%)		Major products (%)	Resistor (40%) Shunt resistor (30%) Fuse, Surge absorber (20%) ETC (10%)
PRODUCT INFORMATION							
		CSD is based on high precision sensor resistance. This module consists of a series resistor, a microcontroller, an isolated DC-DC converter, a printed circuit board, and some capacitors and resistors. The CSD is for battery monitoring applications requiring high accuracy and very low offset. It is a galvanic isolation current sensor that measures the voltage and temperature of two shunt resistors and transmits the current value to BMS and other ECU through CAN. In addition, it compares the first current and the second current in real time and sends a warning message if a specific error or more occurs. Also, if an internal failure occurs, it is diagnosed and delivered as a message to the BMS, provides sequential counter and 8-bit SAE J1850 CRC function for the integrity of the CAN message.					
CSD Series							
		HSS is an Open-Loop current sensor based on Hall Effect by magnetic field. HSS has galvanic isolation between the primary circuit (high voltage) and the secondary circuit (electronic circuit), making it suitable for high and low voltage automotive battery applications. HSS000A family offers a choice of ±350A, ±500A, ±1000A in the same size.					
HSS Series							
		PSS is based on high-precision sensor resistance. This module consists of a series resistor, printed circuit board, thermistor, and connector. PSS is intended for battery monitoring applications that require high accuracy. This is a galvanically isolated current sensor that transmits the voltage and temperature of the shunt resistor as an analog signal. It is easy to install and can be connected to the signal processing unit using a board-wire.					
PSS Series							
COMPANY OVERVIEW				Competitiveness & Sales Points			
Smart electronics Inc, are the biggest resistor manufacturer in KOREA. We make all kind of passive components [Resistor, Protector, Current sensor, Temperature sensor] for last 40 years. We are supplying to Samsung Electronics and LG Electronics over 80% of their needs. And we are also supplying automotive part to LG ES, LG innotek, TE etc.				*One stop shopping for passive components *Customized products *A reasonable price offer *Short Lead Time *Can be produced directly with E-beam machine			
HOME PAGE ADDRESS							
https://www.smart-ele.co.kr/en/							
CONTACT INFORMATION							
Name	Ban min-jeong		Telephone	+82-52-255-2552		Email	bonnie@smart-ele.co.kr
Position	Manager / Overseas Sales		Mobile	+82-10-5687-9913		Fax	+82-52-255-2560