

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
ELG-150-C-A	9.27	Raw Material Manufacturing	8.96	96.66	ELG-150-C500A	2024/2/11
		Raw Material Transportation	0.02	0.22		
		Power Supply Manufacturing	0.29	3.13		

Raw Material Manufacturing Stage Information

Note: The carbon footprint calculation for raw material manufacturing is based on the global SimaPro database coefficients. In the future, we plan to integrate carbon footprint assessments of the supply chain along with training and exchanges, gradually establishing the MWPPro database coefficients.

Raw Material Category	Raw Material Manufacturing Emission(KgCO2e)	Percentage
Subtotal	8.9578	100.00%
1*: CASE Category	0.1046	1.17%
1A: Resistance Category	0.9081	10.14%
1B: Capacitance Category	0.3086	3.45%
1C: Semiconductor Category	2.7837	31.08%
1D: Inductor Category	1.9455	21.72%
1E: Electronic Components Category	0.0029	<0.01%
1F: Wire, Connector, AC Cable	0.0560	0.62%
1G: Metal Category	0.0058	<0.01%
1H: Insulation, Plastic Category	0.0259	<0.01%
1J: Packaging	0.1093	1.22%
1M: Manufacturing Consumables	2.0444	22.82%
1Z: PCB Printed Circuit Board	0.2487	2.78%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.1155	1.29%
2C: SMD Semiconductor Category	0.2447	2.73%
2D: SMD Inductor Category	0.0004	<0.01%
4A: Screws, Washers, Copper Columns	0.0129	<0.01%
4B: Stickers	0.0001	<0.01%
5A: Outer Box	0.0400	<0.01%
5B: Casing	0.0008	<0.01%