

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
DHP-1UT-BHV	15.71	Raw Material Manufacturing	12.22	77.78	DHP-1UT-BHV	2024/2/7
		Raw Material Transportation	0.02	0.13		
		Power Supply Manufacturing	3.47	22.09		

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 MWPro database coefficients.

Raw Material Category	Raw Material Manufacturing Emission(KgCO2e)	Percentage
Subtotal	12.2188	100.00%
1*: CASE Category	2.2351	18.29%
1A: Resistance Category	0.0330	<0.01%
1B: Capacitance Category	1.5482	12.67%
1C: Semiconductor Category	0.1151	0.94%
1D: Inductor Category	4.0442	33.10%
1E: Electronic Components Category	0.4468	3.66%
1F: Wire, Connector, AC Cable	0.9016	7.38%
1G: Metal Category	0.5676	4.64%
1H: Insulation, Plastic Category	0.0777	0.64%
1J: Packaging	0.5976	4.89%
1Z: PCB Printed Circuit Board	0.9407	7.70%
4A: Screws, Washers, Copper Columns	0.2402	1.97%
4B: Stickers	<0.0001	<0.01%
5A: Outer Box	0.4183	3.42%
5C: Bottom Plate	0.0528	<0.01%

SDG Group Carbon Neutrality Team