

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
MDD02-N	0.01	Raw Material Manufacturing	0.01	100.00	MDD02L-05N	2024/3/29
		Raw Material Transportation	<0.01	0.00		
		Power Supply Manufacturing	<0.01	0.00		

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	0.0111	100.00%
1*: CASE Category	0.0022	19.82%
1A: Resistance Category	0.0006	5.23%
1B: Capacitance Category	<0.0001	<0.01%
1C: Semiconductor Category	<0.0001	<0.01%
1F: Wire, Connector, AC Cable	<0.0001	<0.01%
1M: Manufacturing Consumables	0.0024	21.98%
1Z: PCB Printed Circuit Board	0.0025	22.07%
2C: SMD Semiconductor Category	<0.0001	<0.01%
2D: SMD Inductor Category	0.0034	30.54%
4A: Screws, Washers, Copper Columns	<0.0001	<0.01%

SDG Group Carbon Neutrality Team