

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
RQB150W12	0.60	Raw Material Manufacturing	0.55	91.69	RQB150W12-110S12	2024/3/27
		Raw Material Transportation	<0.01	0.00		
		Power Supply Manufacturing	0.05	8.31		

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	0.5518	100.00%
1*: CASE Category	0.0308	5.58%
1A: Resistance Category	0.0051	0.92%
1B: Capacitance Category	0.0073	1.32%
1C: Semiconductor Category	0.1254	22.72%
1F: Wire, Connector, AC Cable	<0.0001	<0.01%
1M: Manufacturing Consumables	0.1085	19.66%
1Z: PCB Printed Circuit Board	0.2454	44.47%
2C: SMD Semiconductor Category	0.0003	<0.01%
2D: SMD Inductor Category	0.0216	3.91%
4A: Screws, Washers, Copper Columns	0.0075	1.36%

SDG Group Carbon Neutrality Team