

## SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
APV-8	1.40	Raw Material Manufacturing	1.38	98.57	APV-8-5	2024/2/11
		Raw Material Transportation	<0.01	0.00		
		Power Supply Manufacturing	0.02	1.43		

### 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
<b>Subtotal</b>	1.3798	100.00%
1*: CASE Category	0.0519	3.76%
1A: Resistance Category	0.2189	15.86%
1B: Capacitance Category	0.0895	6.49%
1C: Semiconductor Category	0.8304	60.18%
1D: Inductor Category	0.0645	4.68%
1E: Electronic Components Category	0.0028	<0.01%
1F: Wire, Connector, AC Cable	0.0057	<0.01%
1H: Insulation, Plastic Category	0.0053	<0.01%
1J: Packaging	0.0207	1.50%
1Z: PCB Printed Circuit Board	0.0232	1.68%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.0283	2.05%
2C: SMD Semiconductor Category	0.0338	2.45%
4B: Stickers	0.0001	<0.01%
5A: Outer Box	0.0039	<0.01%
5B: Casing	0.0007	<0.01%

SDG Group Carbon Neutrality Team