SUSTAINABLE DEVELOPMENT GROUP
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SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
DLP-04R	1.31	Raw Material Manufacturing	1.27	96.94	DLP-04R	2024/2/11
		Raw Material Transportation	0.01	0.76		
		Power Supply Manufacturing	0.03	2.29		

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	1.2685	100.00%
1*: CASE Category	0.1938	15.28%
1A: Resistance Category	0.1753	13.82%
1B: Capacitance Category	0.0895	7.06%
1C: Semiconductor Category	0.0480	3.78%
1D: Inductor Category	0.0532	4.19%
1E: Electronic Components Category	0.0297	2.34%
1H: Insulation, Plastic Category	0.0046	<0.01%
1J: Packaging	0.0415	3.27%
1Z: PCB Printed Circuit Board	0.0827	6.52%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.0743	5.86%
2C: SMD Semiconductor Category	0.4752	37.46%
4B: Stickers	0.0001	<0.01%
5A: Outer Box	<0.0001	<0.01%
5B: Casing	0.0006	<0.01%

SDG Group Carbon Neutrality Team