

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
HDR-15	1.35	Raw Material Manufacturing	1.31	97.04	HDR-15-12	2024/2/11
		Raw Material Transportation	<0.01	0.00		
		Power Supply Manufacturing	0.04	2.96		

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	1.3100	100.00%
1*: CASE Category	0.1584	12.09%
1A: Resistance Category	0.1033	7.88%
1B: Capacitance Category	0.1579	12.05%
1C: Semiconductor Category	0.2438	18.61%
1D: Inductor Category	0.2913	22.24%
1E: Electronic Components Category	0.0306	2.34%
1F: Wire, Connector, AC Cable	0.0015	<0.01%
1H: Insulation, Plastic Category	0.0007	<0.01%
1J: Packaging	0.0222	1.69%
1Z: PCB Printed Circuit Board	0.1235	9.43%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.0256	1.95%
2C: SMD Semiconductor Category	0.1513	11.55%
4B: Stickers	<0.0001	<0.01%
5A: Outer Box	<0.0001	<0.01%
5D: Cardboard	<0.0001	<0.01%

SDG Group Carbon Neutrality Team