

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
XDR-75E	3.76	Raw Material Manufacturing	3.60	95.75	XDR-75E-24	2025/3/27
		Raw Material Transportation	<0.01	0.00		
		Power Supply Manufacturing	0.16	4.25		

Raw Material Manufacturing Stage Information

Note: The carbon footprint calculation for raw material manufacturing is based on the global SimaPro database coefficients. Combine supply chain carbon footprint assessment with training and communication, and gradually establish MWPro database coefficients.

Raw Material Category	Raw Material Manufacturing Emission(KgCO2e)	Percentage
Subtotal	3.6024	100.00%
1*: CASE Category	0.0515	1.43%
1A: Resistance Category	0.4837	13.43%
1B: Capacitance Category	0.7211	20.02%
1C: Semiconductor Category	0.8894	24.69%
1D: Inductor Category	0.5143	14.28%
1E: Electronic Components Category	0.0700	1.94%
1G: Metal Category	0.0377	1.05%
1H: Insulation, Plastic Category	0.0196	0.54%
1J: Packaging	<0.0001	<0.01%
1Z: PCB Printed Circuit Board	<0.0001	<0.01%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.0942	2.61%
2C: SMD Semiconductor Category	0.7066	19.62%
4A: Screws, Washers, Copper Columns	0.0127	<0.01%
4B: Stickers	0.0001	<0.01%
5A: Outer Box	<0.0001	<0.01%
5B: Casing	0.0016	<0.01%
5D: Cardboard	<0.0001	<0.01%

SDG Group Carbon Neutrality Team