

SDG Group Product Carbon Footprint Declaration

| Product Series | Carbon Footprint (KgCO2e/pcs) | Stage | Carbon Emission (KgCO2e) | Percentage (%) | Reference Model | Update Date |
|----------------|-------------------------------|-----------------------------|--------------------------|----------------|-----------------|-------------|
| APV-12 | 2.34 | Raw Material Manufacturing | 2.31 | 98.72 | APV-12-12 | 2024/2/11 |
| | | Raw Material Transportation | <0.01 | 0.00 | | |
| | | Power Supply Manufacturing | 0.03 | 1.28 | | |

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 | 2.3146 | 100.00% |
| 1*: CASE Category | 0.1162 | 5.02% |
| 1A: Resistance Category | 0.2647 | 11.44% |
| 1B: Capacitance Category | 0.0982 | 4.24% |
| 1C: Semiconductor Category | 1.6101 | 69.56% |
| 1D: Inductor Category | 0.1019 | 4.40% |
| 1E: Electronic Components Category | 0.0052 | <0.01% |
| 1F: Wire, Connector, AC Cable | 0.0065 | <0.01% |
| 1G: Metal Category | 0.0021 | <0.01% |
| 1H: Insulation, Plastic Category | 0.0022 | <0.01% |
| 1J: Packaging | 0.0366 | 1.58% |
| 1M: Manufacturing Consumables | 0.0009 | <0.01% |
| 1Z: PCB Printed Circuit Board | 0.0470 | 2.03% |
| 2A: SMD Resistance Category | <0.0001 | <0.01% |
| 2B: SMD Capacitance Category | 0.0102 | <0.01% |
| 2C: SMD Semiconductor Category | 0.0076 | <0.01% |
| 4B: Stickers | 0.0001 | <0.01% |
| 5A: Outer Box | 0.0051 | <0.01% |
| 5B: Casing | 0.0001 | <0.01% |

SDG Group Carbon Neutrality Team