End-of-Life Management and Circularity

The "Environmental Design Operation Specification" defines recycling design. When designing products, we fully consider factors such as the possibility and value of component and material recycling, recycling treatment methods, and technologies to minimize the environmental impact during recycling.

Avary's Role in the Supply Chain:
Avary is a PCB manufacturer and an upstream component supplier in the electronics supply chain. We do not sell electrical and electronic equipment (EEE) directly to end-users and therefore do not directly manage electronic waste (WEEE) in the end market. However, we actively support circular economy and extended producer responsibility (EPR) goals through the following measures:

Participation in Customers' Circular Material Programs to Support Recycling and Reuse:
We actively participate in circular material programs promoted by key customers. These initiatives aim to facilitate the recycling and reuse of electronic components by encouraging suppliers to incorporate recycled materials into products, thereby achieving circular economy objectives. Through these programs, we actively respond to customers' technical specifications and targets for recycled materials and enhance the recyclability of PCBs.

Targets for Recycled Materials:
Although we do not directly implement take-back programs for end products, we promote the reuse of recycled resources derived from electronic waste (WEEE) by setting measurable targets for the proportion of recycled materials used. For Avary's 2024 recycled material usage and targets, please refer to the Avary 2024 Sustainability Report.

Responsible Management of Internal Electronic Waste:
While we do not handle consumer-end WEEE directly, we ensure that all electronic waste generated within our facilities is properly recycled and processed. All third-party waste treatment and recycling vendors must meet the following requirements: hold valid environmental permits and certifications (such as ISO 14001 or relevant local government permits), comply with applicable e-waste and hazardous waste management regulations, and undergo contract-based regular reviews and audits to ensure compliance with processing standards.

Sharing Sustainability Knowledge and Information with Customers:
We promote transparency and awareness through various means, including responding to customers' sustainability surveys and material compliance questionnaires, participating in industry initiatives related to material circularity, providing information on the proportion of recycled materials used, and supporting life cycle assessment (LCA) activities.

These actions help raise awareness of end-of-life product management and assist customers in achieving their extended producer responsibility (EPR) goals.