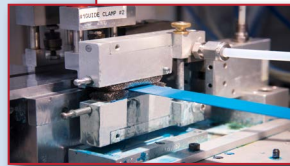


FAB S and LAB S

Samtec: Defined by Sudden Service®



Samtec opened its doors on January 2, 1976, in the back of an insurance agency with two employees. Samtec established itself as a service-oriented connector company that could provide products and services to little guys needing small quantities and big guys needing products fast in production “line down” situations. From these beginnings, Samtec now serves customers in approximately 125 countries with revenues exceeding \$ 1 billion. The company has 24 sales offices, 13 design centers and 14 operations/ inventory locations across the globe. The service concept first implemented has evolved into Samtec’s Sudden Service philosophy.

Samtec’s Sudden Service encompasses design, sales and delivery. In the design stage, customers can visit the Samtec website to access product specifications, characterization/test reports, detailed white papers and application notes, interactive web design tools and 3D models. Specialized technical support is also readily available directly from engineers in the Samtec Signal Integrity Group, Interconnect Processing Group and Application Support Group.

Samtec prides itself on being much more than just another connector company. They put their people first, along with a commitment to exceptional service, quality products and innovative technologies that take the industry further faster. Samtec believes that their service culture makes them unique. That culture is driven by four major characteristics that they call the “Samtec DNA.” These characteristics are SPEED (make things happen, recover quickly), FLEXIBILITY (embrace change, create solutions that fit the situation), INNOVATION (learn, grow, have fun, think creatively) and WIN/WIN (be responsible, take ownership).

They have followed these principles to develop a portfolio that ranges from standard catalog products to unique high performance designs. These “solution blocks” support any interconnectivity need, regardless of application, performance requirements or environment. Samtec provides products in industrial, 5G networking, computer/semiconductor, datacom, medical, instrumentation, aerospace and defense, automotive/transportation/telematic, arti-

ficial intelligence/machine learning and consumer markets.

In 2023, Samtec continues to expand its operations. A new 24,000 ft.² cable manufacturing facility has just been built in Pennsylvania, expansions of the Vietnam and Costa Rica manufacturing facilities are underway with expected completion this year and a Singapore Distribution Hub has been completed and is fully operational. Later in 2023, Samtec plans a grand opening of their Taiwan Design Center.

Samtec’s new Pennsylvania facility uses some of the most advanced machinery for extruding, wrapping, braiding and winding, all critical processes for manufacturing high performance microwave cable. The facility can validate the electrical, mechanical and environmental capabilities to ensure the performance and durability of those solutions. The facility is focused on developing next-generation products by harnessing the latest advances in material science and signal integrity.

Over the years, Samtec has developed an extensive RF product catalog and roadmap that includes cable assemblies, cable connectors and board-level interconnects that go to 110 GHz. The company is using its system-level signal integrity expertise to focus on high-quality, differentiated RF products that push the performance boundaries of existing and emerging high bandwidth applications. The Samtec Wilsonville, Ore., design center and cable plant has been instrumental in the development of unique RF cable products that are key enablers for test systems.

The next generation of high performance RF cable assemblies offers improved stability and flexure over time to address industry challenges of phase control, delay, loss and shielding effectiveness. This new family of RF cables aims to balance performance, application and cost. These immediately recognizable orange Samtec cables will be manufactured in the new Pennsylvania facility and the Wilsonville plant.

With innovative technologies, silicon-to-silicon and board-to-board solutions, along with their Sudden Service philosophy, Samtec looks to remain a different breed of cat.

www.samtec.com