

General information	Company size 200 employees	Machinery equipment 80 injection molding machines up to 2.000 KN clamping force	Production area more than 15.000 m²	Experience bobbin production for more than 70 years
Products	Minimum Weight 0,01 g	Maximum weight 450 g	Minimum size a few mm only	
Material	Thermoplastics UL listed	Standard materials PA 6, PA 6.6, POM, PBT, PET	Special materials PPS, PEEK, PES, LCP	Isolation classes 105°C (A) - 250°C according to IEC 85
Production	Injection-molded parts with injected wires automatic coil wire feeding (round and flat wire)	Molding-in of metal parts metal plastic compounds	Individual pinning various wire shapes, metal contacts	Production monitoring inductive and visual sensors laser imaging surveillance system
Tool construction	In-house tool construction with up-to-date production facilities high speed cutting up to 40.000 rpm, wire erosion with Ø 0,05 - 0,3 mm, spark erosion with measuring place, CNC grinding	Injection molds hot runner, sliding split, and multi plate molds as well as combined injection molding tools for direct injection molding-in of wires	Rapid Tooling, Rapid Prototyping lasersintering, silicone molding/ vacuum casting polyjet-modeling	CAD-Technology tool construction, rheological evaluations, CAD - CAM production
Products	Catalogue parts Boxes and accessories for transformers, transmitter and chokes according catalogue	Custom made parts technical components according to customer's specification for magnets, sensors, motors, relays, transformers	Industrial sectors Automotive Sector Electrical Engineering Industrial Electronics Information Technology Lighting Technology Mechanical Engineering Medical Technology Power Engineering	Technology moulding-in wire high temperature plastics plastic-metal compounds miniature processing
Quality-management	DIN ISO 9001 since 1995	IATF 16949 since 2018 ISO TS 16949 since 2007	UL Recognized Molder since 1997	
Quality assurance technology	Measuring methods Fully automated 3D-measuring technology, combination of tactile and visual sensoric, shape and positional tolerance tests, outline measuring	DSC-Analyses DIN EN ISO 11357 or customer specification	Solderability test DIN EN 60068-2-54 or customer specification	Residual contamination analysis VDA file 19 or customer specification
Service	Support for the development of parts in respect of process stable injection molds	Production design and development of complex production processes, efficient automation	Project management proficient handling of projects from design to serial production	

Facts