

Application example Riveting metal conductors in a housing

PLASTIC WELDING	METAL WELDING	CUTTING	CLEANING	SCREENING
		Task In an electronics housing electrical PCB tracks with in place in several positio The connection must be Solution The ultrasonic riveting pro- task. As both metal cond as simultaneously as poss head shape. The applicat system and three spring- cal-electrical welding pat Configuration advantage As the individual riveting surface, they cannot be p system and a sonotrode. groups, each with a sepa set and optimise each gro Monitoring each system relative parts scanning er the ultrasonics individual veting points can be perf waffle pattern.	for the automotive in fuse holders on both ns with a total of 20 r reliable and as free fro ocess was selected for uctors need to be fixe sible, a waffle structur ion is carried out on a loaded ultrasonic system h limiting system. ges points are spread ove processed reliably with Combining the riveting urate ultrasonic system oup individually. with a welding path lin usures perfect riveting ly in each case. The lat	dustry, two punched sides are to be fixed ivet heads. om play as possible. In this connection rd in multiple places e is used as the rivet USP3000 ultrasonic ems with a mechani- r a relatively large a single ultrasonic g points into three , makes it possible to miting device with quality by limiting rge number of ri-

The application was produced on a USP3000 ultrasonic welding system with TCS5 controller, or with corresponding components in a special system.

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