Count On Tools Develops New LED Nozzle Series

Count On Tools announces the development of a new series of LED nozzles. Recognizing issues with LED component handling during the pick-and-place process, Count On Tools went back to the drawing board to create a new nozzle approach to overcome the tackiness or stickiness of the LED substrates.

COT's new technology uses an exclusive semi-rigid material made from organic compounds to create a vacuum bond with components that is guaranteed to improve placement accuracy and reliability with LED components while overcoming issues with the substrate. This new design also improves LED component release onto the board, preventing misplaced LEDs, lost components or miss-picks.

Count On Tools' new LED nozzle series can be applied to any style of pick-and-place nozzle for any OEM or machine type. Additionally, Count On Tools generally can provide a finished nozzle within three to five days, saving customers up to 50 percent over OEM designs for custom nozzles. Some nozzle designs even can be made the same day with the company's existing nozzle tip selection straight off of the shelf. There are no design fees and Count On Tools provides free quotes based on the equipment and type of LED being placed.

Recent growth in LED technology and solid state lighting has provided the electronics manufacturing industry with viable solutions for today's electronic devices. As a result, companies in the SMT industry are expanding their manufacturing capabilities to meet this demand. The range of new and potential applications for LEDs in electronics is practically endless. Count On Tools has realized this trend and worked to quickly develop a line of nozzle designs that will allow customers to accurately and consistently place LEDs with its existing SMT pick-and-place equipment. By working closely with the LED component manufacturers,

Count On Tools guarantees secure picking of all fragile components and accurate placement on circuit boards. Count On Tools' LED nozzle series is available for all types of SMT pick-and-place equipment and tooling.

According to Curt Couch, President of Count On Tools, Inc., "Count On Tools understands that in order for our customers to remain competitive in today's market, they must be able to cut costs while simultaneously maximizing the capabilities of their SMT assembly equipment to prevent costly investments in new equipment or increased labor from hand placements of odd-form components. This line of custom LED nozzles allows us to help customers achieve better placement with odd-form components."

All nozzles are guaranteed to function properly with the original equipment. Every nozzle manufactured by Count On Tools comes standard with a 100 percent satisfaction guarantee. If any customer is not 100 percent satisfied with the performance or quality of a product, Count On Tools will replace it or offer a full refund.

For more information about Count On Tools' SMT nozzles or consumables, visit www.cotinc.com [1]

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