

# **Increased Circuit Density**











### Overview

Everything is becoming digital and the electronics that drive digitization are expected to become increasingly thinner and smaller while packing more functionality. Compact form factors, sleeker designs, and increasingly powerful applications demand Original Equipment Manufacturers to use higher density Printed Circuit Boards (PCBs) that do not compromise on quality or robustness. Multek offers many ways in which more circuitry can be designed into ever-smarter and more miniature devices.

#### **Features**

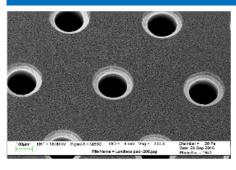
- Through hole without capture pad
- Through hole with or without trace connection
- Through hole split into two halves
- Each half via connected to an independent trace

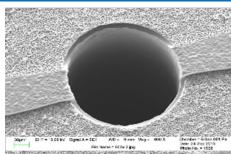
## **Applications**

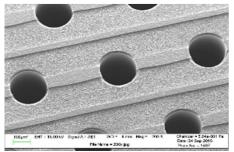
- Connectivity application
- Surface electrical isolation

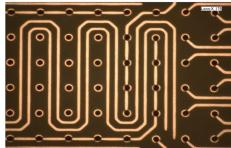
### **PCB Designs:**

#### **Landless Via**

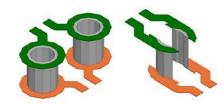


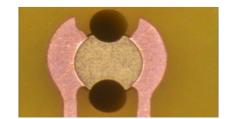


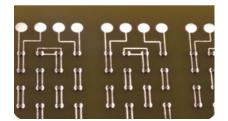




## **Split Via**







### **About Multek**

Multek, a wholly owned subsidiary of Flex (NASDAQ: FLEX), is a leading value-add manufacturer of printed circuit board technologies offering a broad spectrum of PCB engineering and manufacturing expertise including high density interconnect, multilayer, flexible circuit and assembly solutions. Built upon a foundation of rapid response, technology leadership and high reliability solutions for PCB fabrication electronics design and manufacturing, Multek enables customers to take products to market quickly through early engineering, advanced technology new product introduction, and volume production through a full range of high-performance products, materials, and solutions. For more information, please email sales.pcb@multek.com or visit www.multek.com.

United States • Mexico • Germany • France • Italy • Netherlands • Sweden • China • Japan • India • Korea • Taiwan • Malaysia • Singapore • Hong Kong • Philippines

MULTEK Corporate Headquarters | 17th Floor, Nina Tower (Tower II) | 8 Yeung Uk Road, Tsuen Wan | New Territories, Hong Kong

REV A MM/DD/YY © Multek 2018