

Print & Apply Labeler

## Print and Place Applicator

The age-old nemesis of PCB design: label placement. It's a task that's equal parts tedious and time-consuming, sucking the creativity out of even the most skilled designers.

- Break free from the shackles of tedious label placement and unlock a world of unbridled design creativity. With Label Liberation, you can bid farewell to the frustration of manual alignment and hello to a seamless, automated process that saves you time, minimizes errors, and elevates your design quality.
- By leveraging the power of automation, you can revolutionize the label placement process, transforming it from a time-consuming chore to a background operation that takes care of itself. This means you can channel your energy into the high-level creative aspects of your project, while the labels and annotations are precision-placed and formatted to perfection.



### Print and place

- Streamline your label placement workflow by incorporating DRCs, and you'll be able to eliminate manual checks and corrections, thereby reclaiming valuable design time and minimizing the likelihood of mistakes.
- Imagine being able to focus on the high-level design aspects of your project, while the labels and annotations take care of themselves.

### Read validation or upload barcode information

- Unlock a new era of design efficiency by liberating yourself from the tedious task of manual label placement. Automation holds the key to revolutionizing your workflow, minimizing mistakes, and amplifying your productivity.
- By harnessing its power, you can transform your design process, achieving unprecedented speed and accuracy.

### Online database system

- To begin, review your design's layer stackup and ensure that you have a dedicated layer for labels. This will prevent label text from interfering with other design elements and keep your layout organized. Next, standardize your label naming convention to facilitate easy identification and automation. Consistency is key here, so choose a format that works for you and stick to it.
- Designers often find themselves trapped in a time-consuming cycle of experimentation, perpetually refining and readjusting label positions in pursuit of an optimal layout.

### Adapted to label PCBA at different heights

- When positioning labels, ensure they are in proximity to the components they describe. Avoid clutter and overlapping by keeping labels spaced out and adjacent to their corresponding elements.

# Print and Place Applicator

## Application method

Tamp with Axis

## Labeling accuracy

±0.1-0.15mm

## Repeatability

±0.02 mm

## Print technology

Thermal Transfer / Direct Thermal

Or Label

## Print resolution

203 DPI | 300 DPI | 600 DPI

## Print speed

Up to 16 ips (425 mm/s)

## Throughput

Up to 2,700 pcs/hour (depending on label size, telescopic stroke)

## Ribbon specification

Up to 600m

## Label specification

Width/length: 5.9 to 6.9" / 4.0 to 8.3" (150 to 175mm / 100 to 210mm); A5/A6

Capacity: Up to 330mm spool diameter

## Product size

Up to 17.72 in x 13.78 in

## Print capabilities

Full downloadable font support using TrueType® fonts (including multiple languages and Unicode support); fixed, variable and merged text fields; flexible date/time formats; flexible shift code formats; auto best before date calculations and concession management; calendar rules; auto incrementing/decrementing text, counters and bar codes; multiple graphic formats supported (up to maximum print area); link fields to databases; scalable text and text blocks

## Connectivity

Ethernet, Power-over-Ethernet, RS232, Configurable I/O (24V, PNP and volt free)

USB (for backup/restore and label upload)

TCP/IP, Modbus, Wi-Fi

## Bar codes supported

**1-D Barcodes** : China Postal Code, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5, Interleaved 2-of-5 (I 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart, Random Weight and Pharmacode

**2-D Barcodes**: Aztec code, Code 49, Codablock F, Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417, QR Code, TLC 39, GS1 Composite, DotCode, Marco PDF 417

## Compressed air

Compressed air, 2-3 CFM, 60 psi

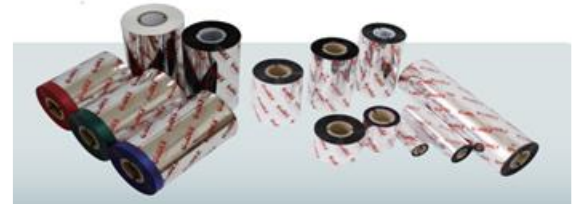
## Power consumption

115 Volts AC 60Hz 8 Amps | 220 Volts AC 50Hz 4.0 Amps

## Operating environment

Temperature Range: 41-104°F (5-40°C)

Humidity: 20-85% Relative, non-condensing



**New quote: +84 (0)838.03.06.09**

Call **+84-838-03-06-09**

Email **sales@qke.vn**

or visit **www.qke.vn/en/**

## **QKE© Global**

4<sup>th</sup> Floor Dong Nam Building, 322 Tay Thanh, Tay Thanh Ward,  
Tan Phu District, Ho Chi Minh City, Vietnam

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