Secure Etch Compensation (SEC)
Yield improving etch compensation for all type of PCB boards

- Full compensation wherever possible, local correction to ensure minimal clearance
- Different compensation values for different feature types (Pads, SMD, Tracks and Areas)
- Different clearance values for different feature type combinations
- Easy-to-use interface - uncomplicated setup
- Store and reuse your SEC setups
- Original data saved for on-screen reference

Full compensate with local corrections
Secure Etch Compensation (SEC) applies a full compensation wherever possible. Local corrections, applied to the copper spread, ensure a minimal overall clearance.

 Compensation values by feature type
SEC enlarges the copper with different values depending on the object type (Pad, SMD, Track and Copper Area)

Clearance per feature type
The requested minimal clearance after compensation is configurable for every feature type combination: E.g. clearance Pads/Areas could be bigger than clearance SMD Pads/Areas

Easy-to-use interface
SEC has a user-friendly interface. Input of Spread and Clearance values is easy and intuitive.

Use of attributes to exclude elements
Certain items on the PCB may be excluded from compensation by marking them with a designated attribute.

Original data backup for easy on-screen reference
SEC offers a backup function to set aside a copy of the uncompensated layer for easy before/after visual comparison.

Maximize compensation on critical features
Some of the compensation on copper areas can be sacrificed locally to help achieve maximum compensation on nearby critical features like SMDs or Pads. If allowed, SEC can even cut back some of the area’s original copper to create extra space...

Store and reuse your SEC setups
Different setups can be stored and reused based on your unique requirements like copper thickness, clearances, ...

SEC movie
Scan the QR code to see a short movie on how to use Secure Etch Compensation
For more information on any of our products or services please contact us:

E-mail: info@ucamco.com
Web: www.ucamco.com

Ucamco protects your Investments

Ucamco has a longstanding tradition of protecting its customer’s investments. **SECURE ETCH COMPENSATION** is no exception: it seamlessly hooks in to your existing **UcamX** installation and reuses all of the available software setups or precious automation that you have diligently gathered and carefully maintained over the years.

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