

No matter whether they are for prototypes or for mass production, in small or large quantities, **board level shields** are a cost-efficient way to protect components directly on the printed circuit board (PCB).

Two-piece board level shields consist of a solderable frame and a removable cover. They offer the advantage that components lying under the cover can be easily maintained and repaired. The assembly of the frames is fully automatic. The installation of the covers is made manually or automatically.

- **Basic material:** SPTE
- **Standard plating:** tin
- **Samples without tooling costs, serial quantities with low tooling costs**
- **Integration of thermally conductive gap fillers or microwave absorbers on request**



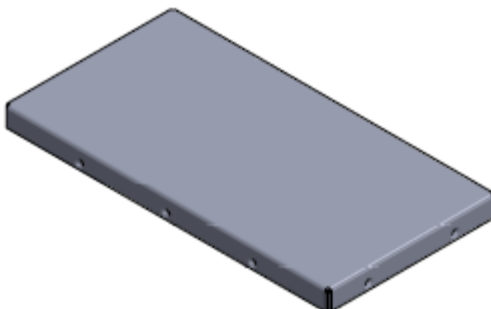
Picture only shows an example of a one-piece board level shield



PRODUCT SPECIFICATIONS COVER

| PROPERTY | VALUE acc. to ISO 2768-mK |
|----------------|---------------------------|
| Thickness | 0,30 mm |
| Length | 37,60 mm |
| Width | 19,60 mm |
| Height | 2,20 mm |
| Basic material | SPTE |
| Plating | Tin-plated |

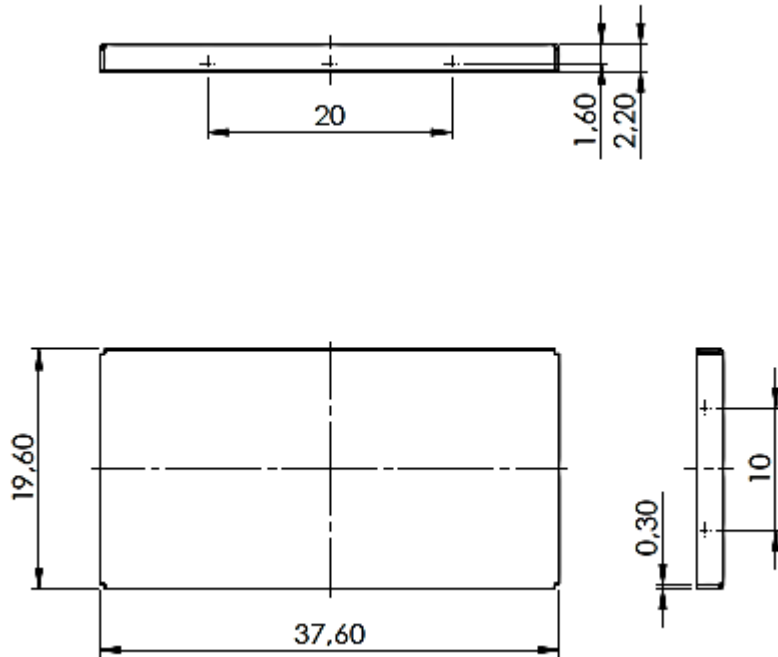
3D VIEW COVER



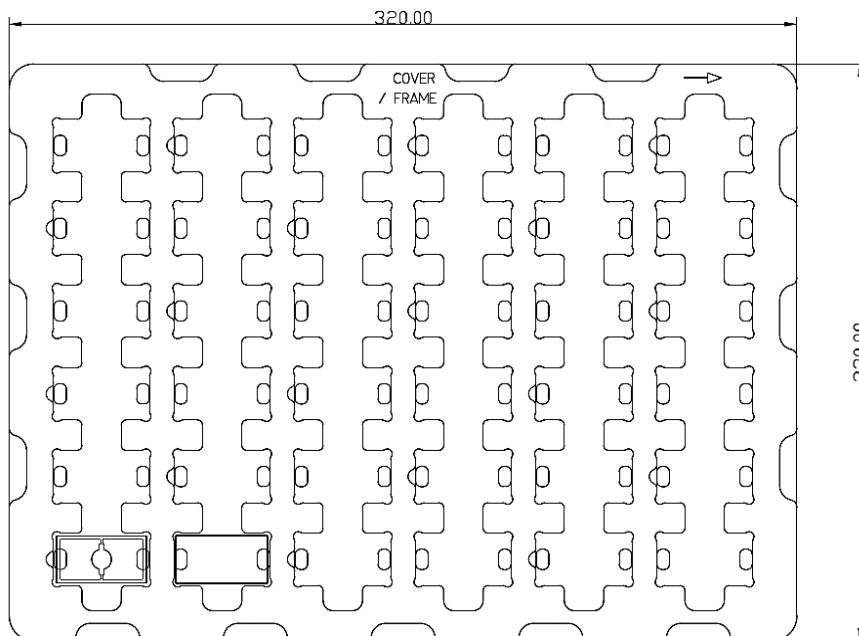
TWO PIECE SHIELDS FOR SOLDERING

SGH-37,60x19,60x2,20x0,30-FS-C SGH-37,00x19,00x2,50x0,30-FS-F

DIMENSIONS (mm) COVER



PACKING SPECIFICATION – TRAY (mm)

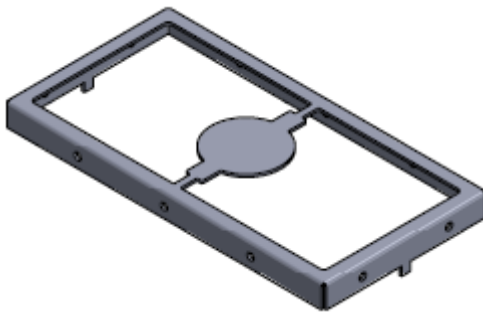


- Material: white PS
- Tolerances: $\pm 0,30$ to $\pm 0,50$ m

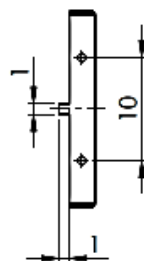
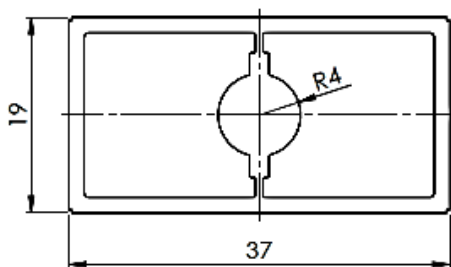
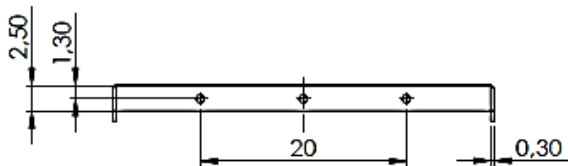
PRODUCT SPECIFICATIONS FRAME

| PROPERTY | VALUE |
|----------------|------------|
| Thickness | 0,30 mm |
| Length | 37,00 mm |
| Width | 19,00 mm |
| Height | 2,50 mm |
| Basic material | SPTE |
| Plating | Tin-plated |

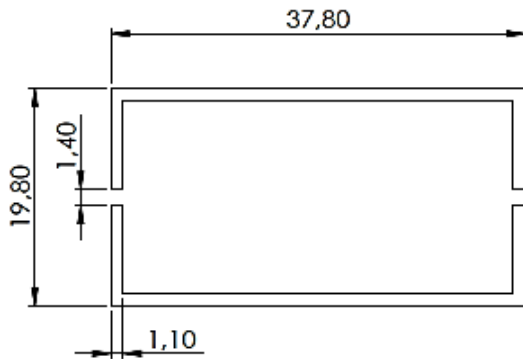
3D VIEW FRAME



DIMENSIONS (mm) FRAME



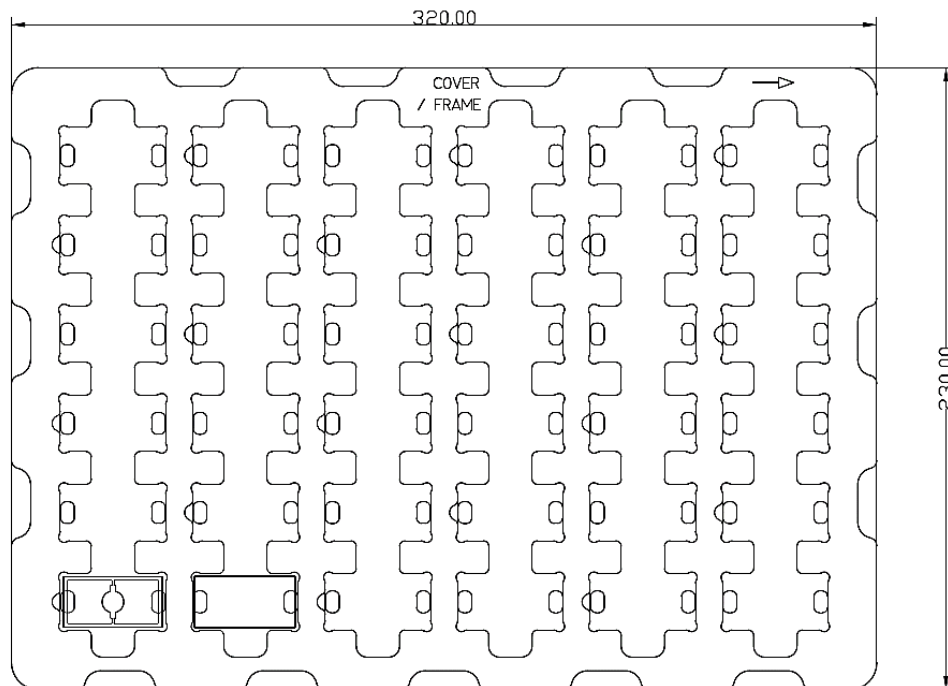
RECOMMENDED FOOTPRINT (mm) FRAME



DISCLAIMER

This is only a recommendation based on information available to mtc at the time of printing. Actual land pattern can be significantly different due to various materials and processes used in PCB assembly. mtc makes no representation or warranty of performance based on the recommended land pattern.

PACKING SPECIFICATION – TAPE AND REEL (mm)



- Material: white PS
- Tolerances: $\pm 0,30$ to $\pm 0,50$

Modifications and errors excepted. The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verifications and testings to determine the suitability for their own particular purpose of any information or products referred to herein.