# ONE PIECE SHIELDS FOR SOLDERING
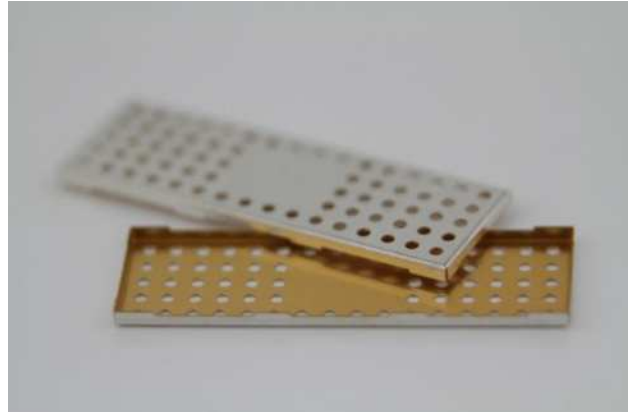## SGH-44,37x44,37x9,75x0,20-FS-OP

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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).

**One-piece board level shields** represent the most cost-effective version with a maximum shielding effect. The cover is soldered on the PCB in a fully automated way.

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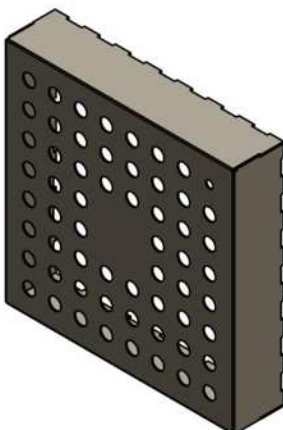
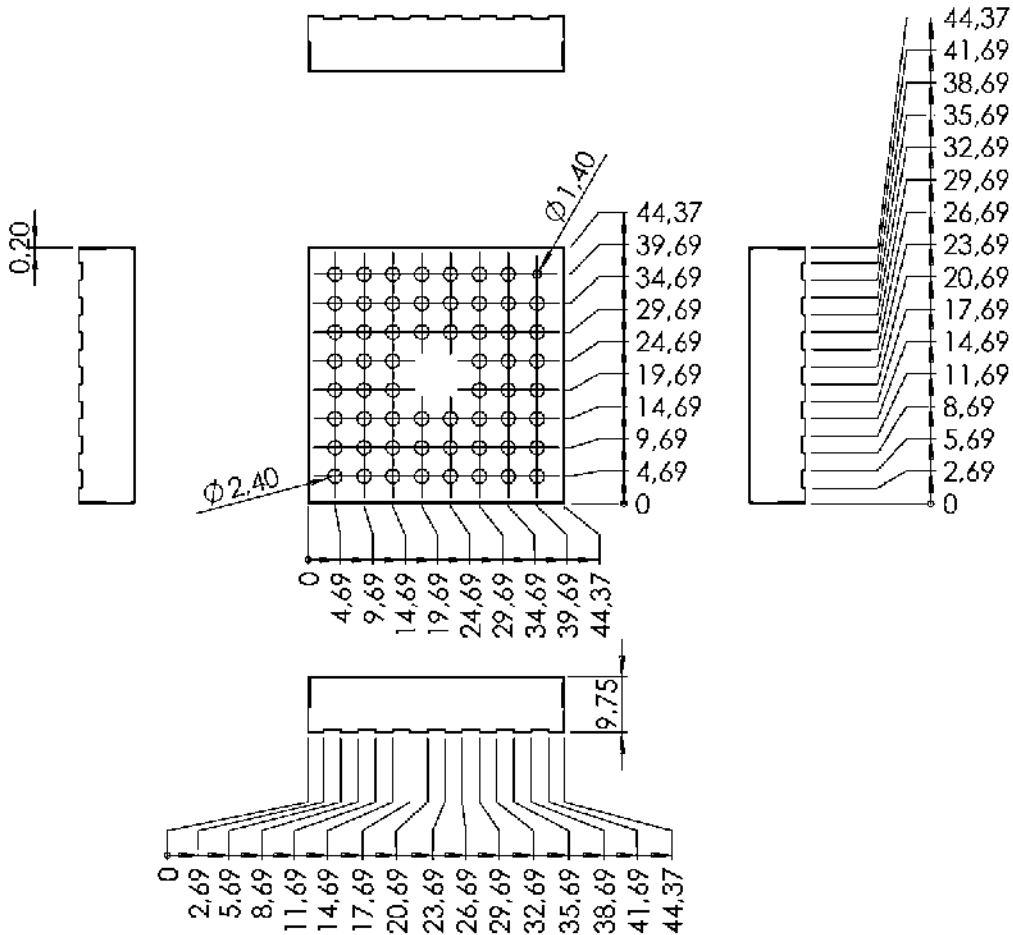Picture only shows an example of a one-piece board level shield

RoHS ✔  REACH ✔  REEL

## PRODUCT SPECIFICATIONS

| PROPERTY | VALUE acc. to ISO 2768-mK |
|---|---|
| Thickness | 0,20 mm |
| Length | 44,37 mm |
| Width | 44,37 mm |
| Height | 9,75 mm |
| Basic material | SPTE |
| Plating | Tin-plated |

## 3D VIEW

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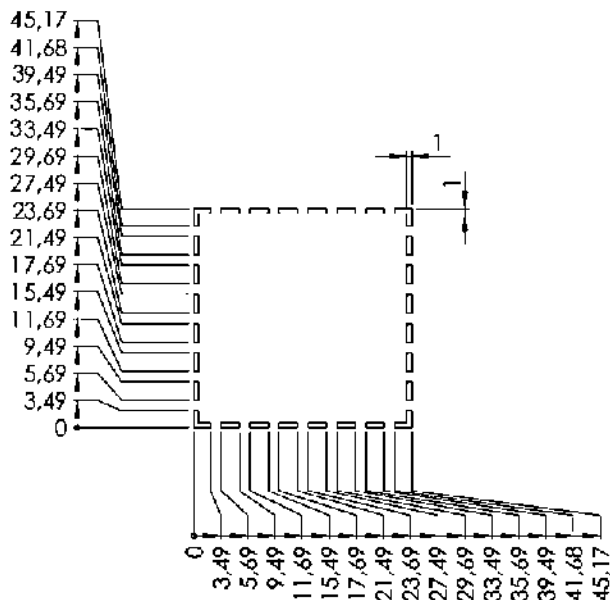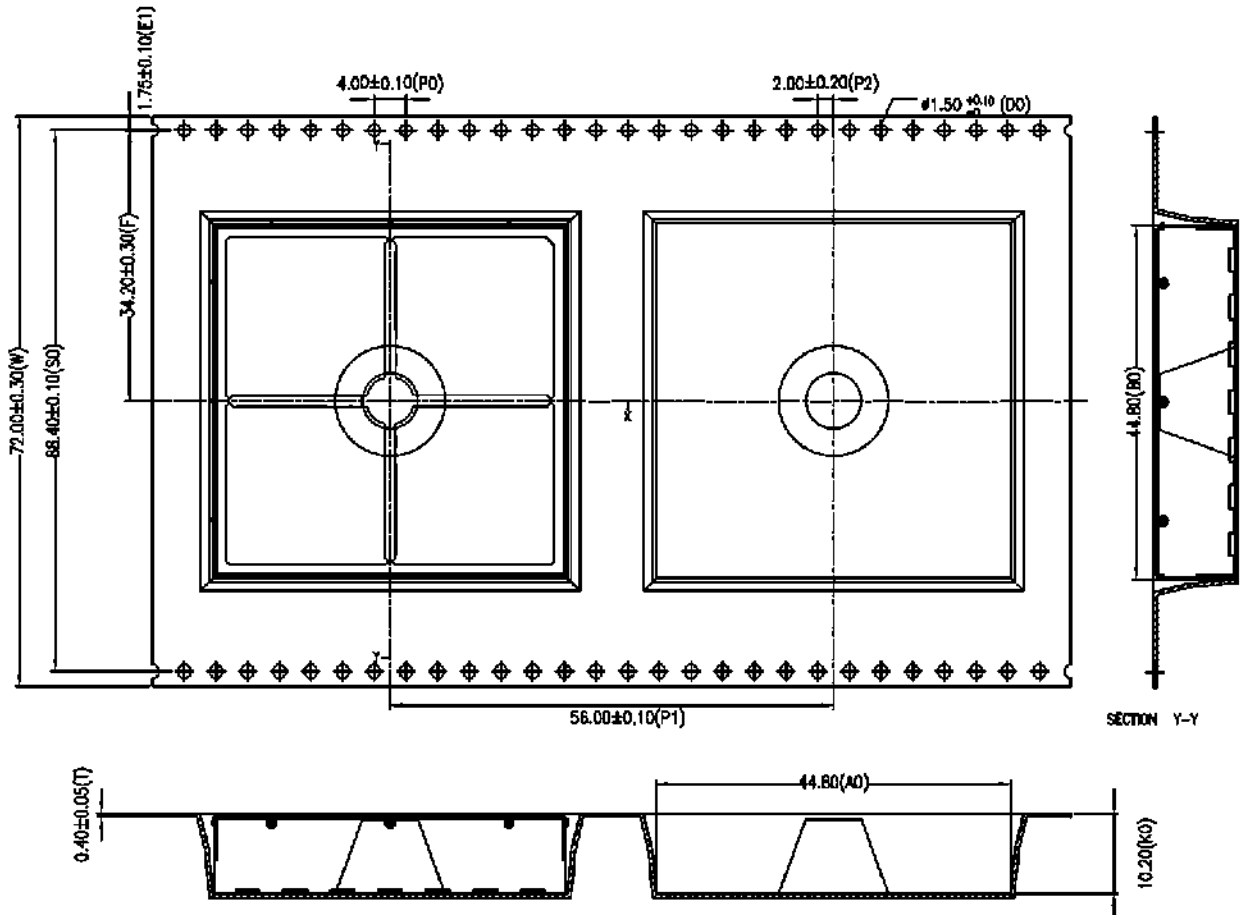## SGH-44,37x44,37x9,75x0,20-FS-OP

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## DIMENSIONS (mm)



## RECOMMENDED FOOTPRINT (mm)



**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.

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## PACKING SPECIFICATION – TAPE AND REEL (mm)



- Part conforms to EIA-481-D standards.
- Material: conductive polystyrene
- Packing length for 22″ reel: 23,0 meters (1:4).
- Component packing to 13″ reel: 80 pcs.
- Dimension tolerances:
  - .X±0,20
  - .XX±0,10

|  | A₀ | B₀ | K₀ |
|---|---|---|---|
|  | 44,80 | 44,80 | 10,20 |
| Tolerance | ± 0,10 | ± 0,10 | ± 0,10 |