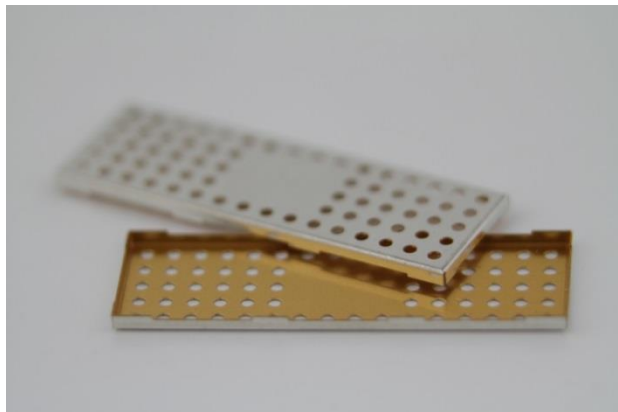


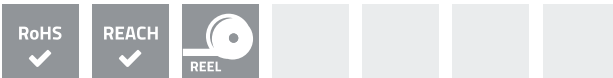
No matter whether they are for prototypes or for mass production, in small or large quantities, **board level shields** are a cost-efficient way to protect components directly on the printed circuit board (PCB).

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: SPCC
- Standard plating: nickel
- Samples without tooling costs, serial quantities with low tooling costs
- Integration of thermally conductive gap fillers or microwave absorbers on request



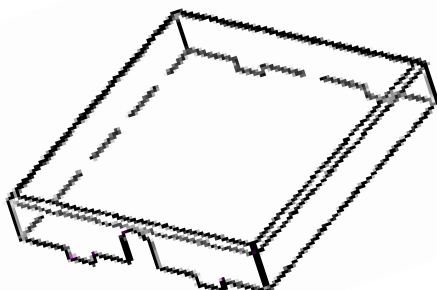
Picture only shows an example of a one-piece board level shield



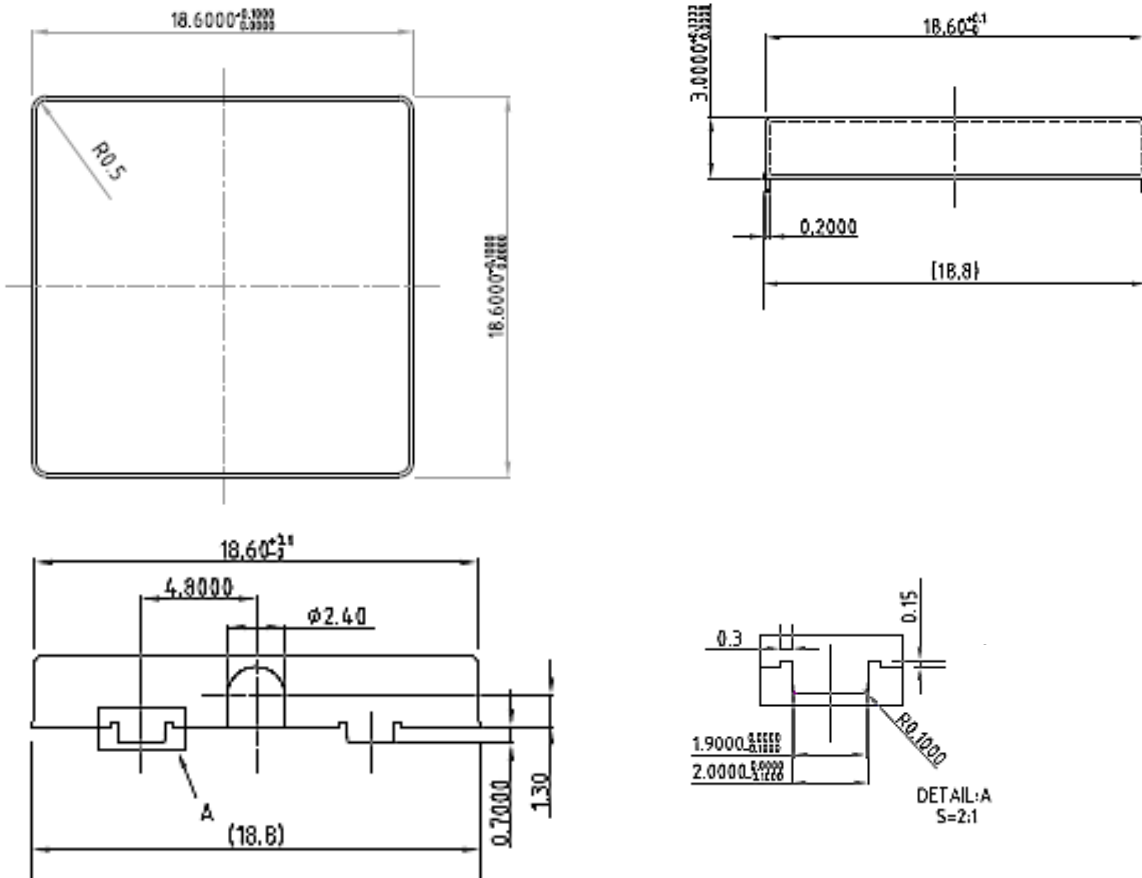
PRODUCT SPECIFICATIONS

PROPERTY	VALUE
Thickness	0,20 mm
Length	18,60 mm
Width	18,60 mm
Height	3,00 mm
Material	SPCC

3D VIEW



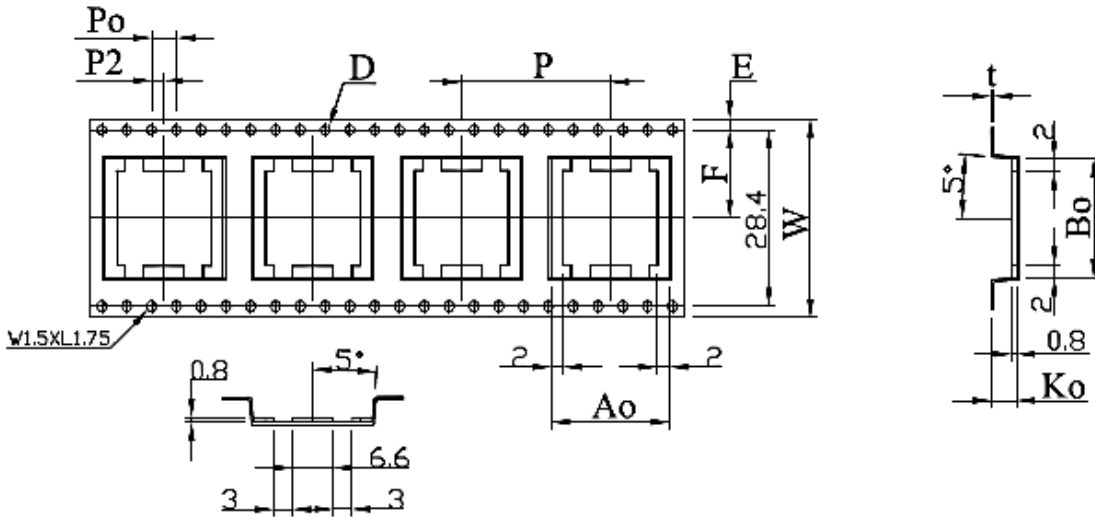
DIMENSIONS (mm)



GENERAL TOLERANCE RANGE (mm)

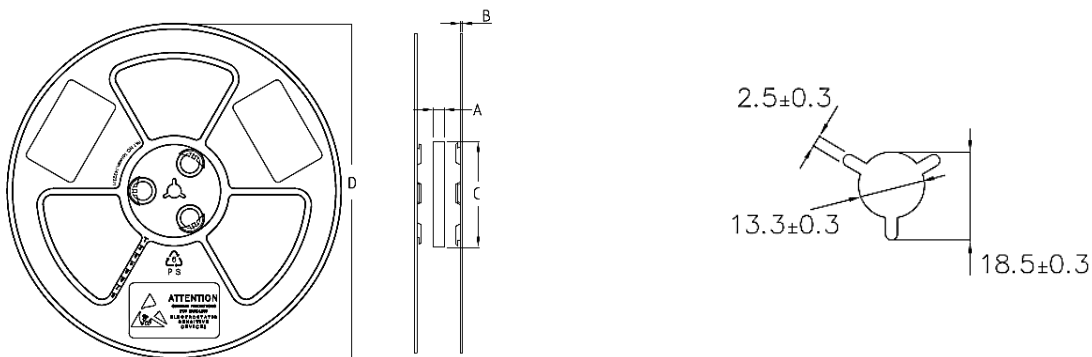
PCB	± 1 Mil		
Machining	X= ±0,5	X.X= ±0,2	X.XX= ±0,1
Stamp	X= ±0,5	X.X= ±0,2	X.XX= ±0,1
Injection	X= ±1	X.X= ±0,5	X.XX= ±0,15
Casting	X= ±1	X.X= ±0,5	X.XX= ±0,15
Packing	X= ±6	X.X= ±3	X.XX= ±0,15
Assembly	X= ±4	X.X= ±2	X.XX= ±0,5
Angles	X= ±2°	X.X= ±1°	X.XX= ±0,5°

PACKING SPECIFICATION – TAPE AND REEL (mm)



- All dimensions meet EIA-481-B requirements
- Material: black conductive polystyrene
- 10 sprocket hole pitch cumulative tolerance
- Carrier camber not to exceed 1 mm in 250 mm
- K0 measured from a plane 0,3 mm above the bottom of the pocket
- K0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier
- Packing length per 22" reel: 45,0 meters (1:3)
- Component load per 13" reel: 600 pcs (before 8 after 16 pcs)

	A ₀	B ₀	K ₀
	44,80	44,80	10,20
Tolerance	± 0,10	± 0,10	± 0,10



	A	B	C	D
	32,50	2,20	100	330
Tolerance	+ 1,00 - 0,10	± 0,20	± 0,10	± 0,10

Packing 13" reel	A
Width	32,0
Material	HIPS

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.