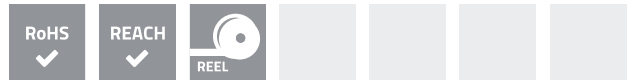


SMD contact springs are ideal for automatic assembly on printed circuit boards. They are soldered by the standard-reflow-soldering process.

The standard basic material used for SMD contact springs is copper beryllium (CuBe). However, other materials can also be supplied.

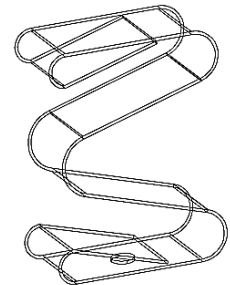
As standard, SMD springs are gold-plated (AU). They can be supplied in a wide range of dimensions and shapes.

- Ideal for automatic assembly
- Standard basic material: CuBe
- Standard plating: AU
- Available in different dimensions and types
- Almost unlimited working life

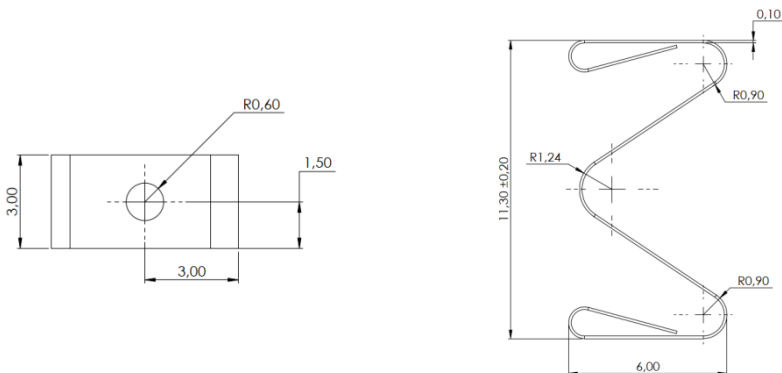


PRODUCT SPECIFICATIONS

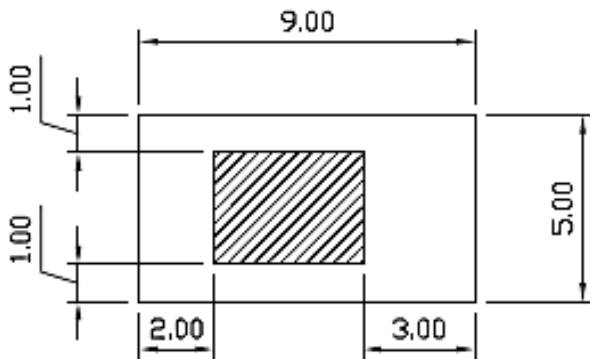
| PROPERTY | | VALUE / TOLERANCE |
|----------------|------------------|-------------------------|
| Thickness | | 0,1 mm |
| Width | | 3,0 mm ± 0,2 |
| Length | | 6,0 mm ± 0,2 |
| Height | | 11,3 mm ± 0,2 |
| Basic material | | Copper beryllium (CuBe) |
| Plating | Barrier layer Ni | 0,5µm – 3,0µm |
| | Outer layer AU | 0,025µm – 0,075µm |



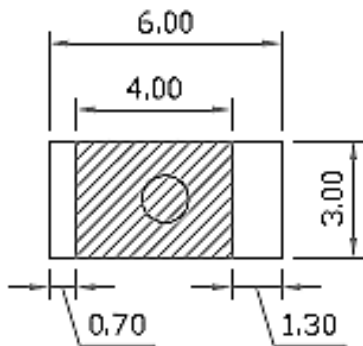
DIMENSIONS (mm)



RECOMMENDED RESERVED AREA ON THE PCB (mm)

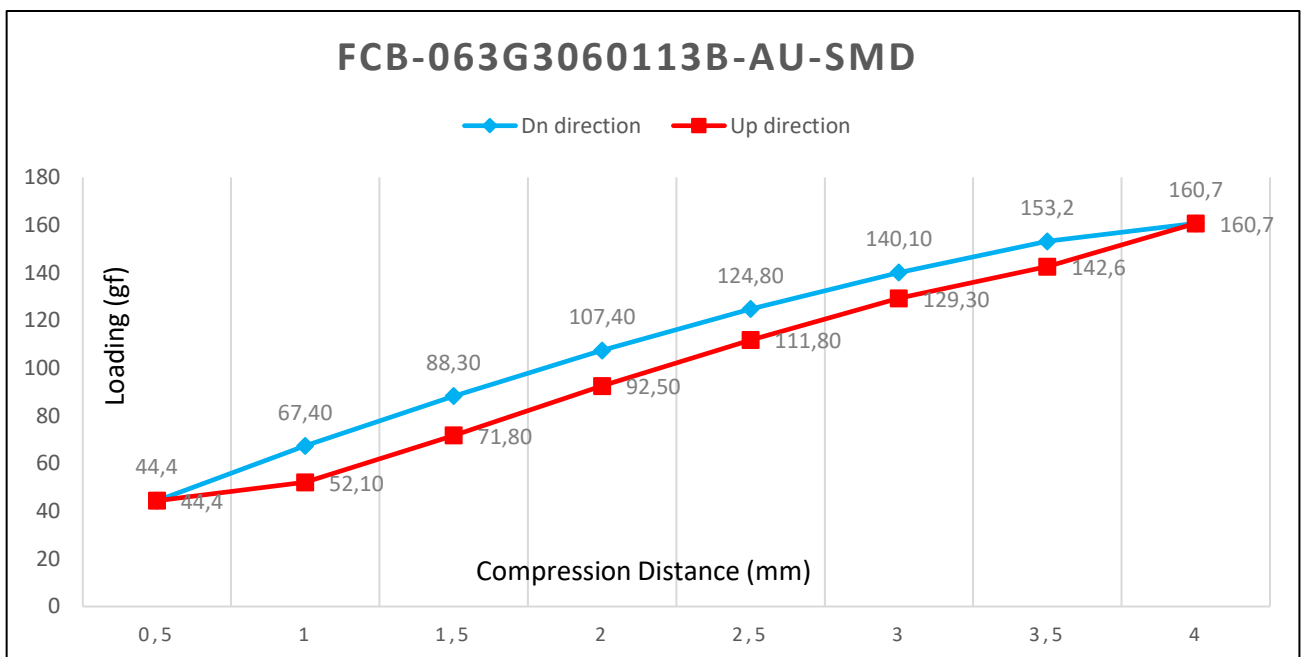


RECOMMENDED PAD FOR THE PCB (mm)

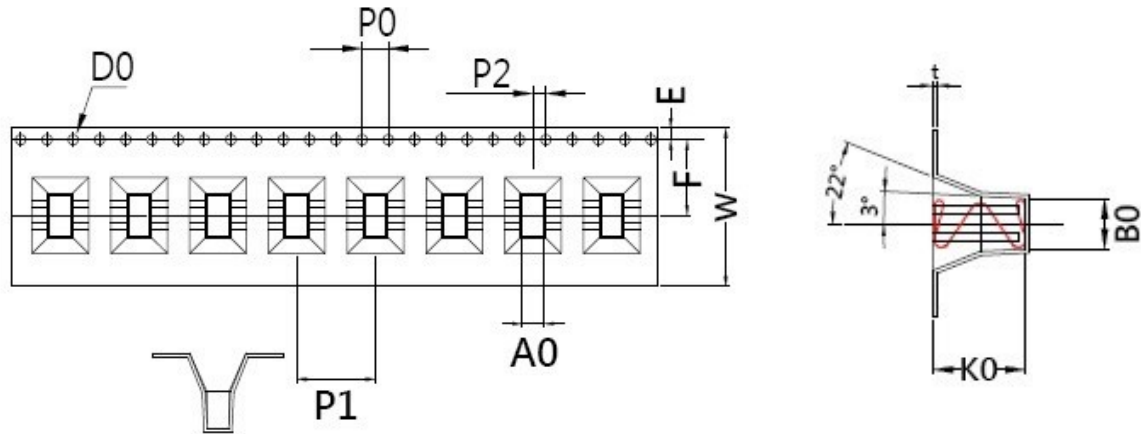


DISCLAIMER | This is only a recommendation based on information available to mtc at the time of printing. Actual land pattern can be significantly different due to various materials and processes used in PCB assembly. mtc makes no representation or warranty of performance based on the recommended land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

FORCE DEFLECTION DIAGRAM



PACKING SPECIFICATION – TAPE AND REEL (mm)



| | W | A ₀ | B ₀ | K ₀ | P | F | E | D | P ₀ | P ₂ | T |
|-----------|--------|----------------|----------------|----------------|--------|--------|--------|------------------|----------------|----------------|--------|
| | 24,00 | 3,25 | 6,24 | 11,50 | 12,00 | 11,50 | 1,75 | ∅ 1,50 | 4,00 | 2,00 | 0,50 |
| Tolerance | ± 0,30 | ± 0,10 | ± 0,10 | ± 0,10 | ± 0,10 | ± 0,10 | ± 0,10 | + 0,10 - 0,00 | ± 0,10 | ± 0,10 | ± 0,05 |

- 10 sprocket hole pitch cumulative tolerance ± 0,20 mm.
- Carrier camber not to exceed 1 mm in 250 mm.
- A₀ and B₀ measured on 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.
- All dimensions meet KIA-481-D requirements.
- Material: Black Conductive polystyrene.
- Packing length for 22" reel: 19.2 Meters. (1:3)
- Component packing 13" reel: 450 pcs.

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.