SMD CONTACT SPRINGS FCB-24YG3236012T-AU-SMD



SMD contact springs are ideal for automatic assembly on printed circuit boards. They are soldered by the standardreflow-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 basíc material: CuBe
- Standard plating: AU
- Available in different dimensions and types
- Almost unlimited working life











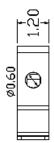


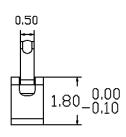
PRODUCT SPECIFICATIONS

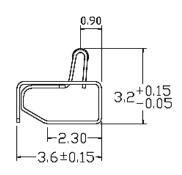
PROPERTY	VALUE / TOLERANCE				
Thickness	0,12 mm				
Width	1,20 mm ± 0,10				
Length	3,60 mm ± 0,15				
Height	3,20 mm +0,10 / -0,05				
Basic material		Titanium copper			
Plating	Barrier layer NI Outer layer AU	1,25μm – 3,00μm 0,025μm			



DIMENSIONS (mm)



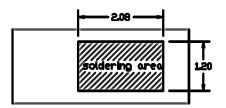




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RECOMMENDED RESERVED AREA ON THE PCB (mm)



DISCLAIMER

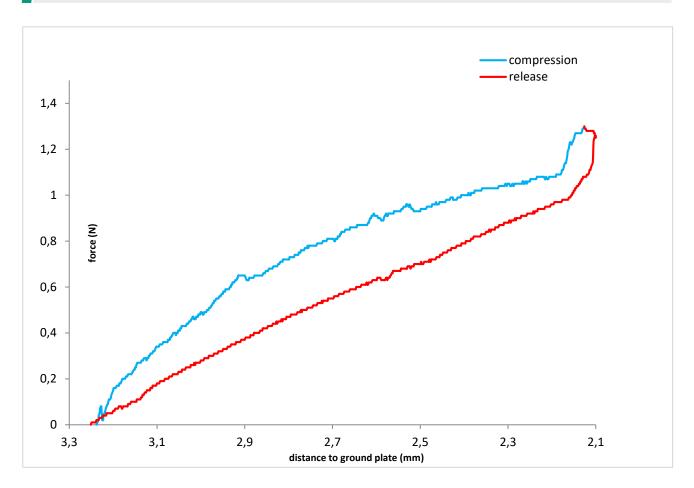
This is only a recommendation based on information available to mtc at the time of printing. Actual land pattern can be significantly different due to various materials and processes used in PCB assembly. mtc makes no representation or warranty of performance based on the recommended land pattern.

BUILDING AN ITEM NUMBER

FCB-24YG3236012T-AU-SMD **Contact Spring** Type number Gold-plated (standard) **Dimensions** Titanium-copper SMD type

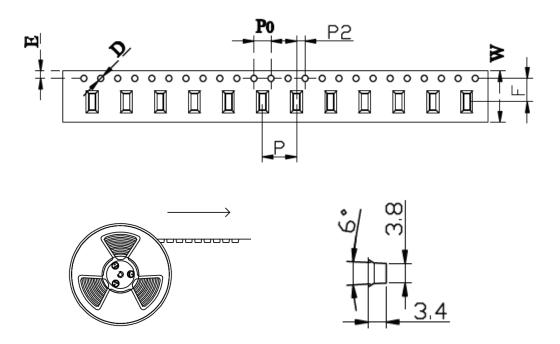


FORCE DEFLECTION DIAGRAM*





PACKING SPECIFICATION - TAPE AND REEL (mm)



	W	Ao	Во	Kο	K 1	Р	Е	F	D	D ₁	P ₀	P ₂
	12,00	1,40	3,80	3,40	0,00	8,00	1,75	5,50	1,50	0,00	4,00	2,00
Tolerance	± 0,30	± 0,10	± 0,10	± 0,10	± 0,10	± 0,10	± 0,10	± 0,10	+ 0,10 - 0,00	+ 0,25 - 0,0	± 0,10	± 0,10

- 10 sprocket hole pitch cumulative tolerance ± 0,2
- Carrier camber is 1 mm in 100 mm
- AO and BO measured on a plane 0,3 mm above the bottom of the pocket
- KO measured from a plane on the inside bottom of the pocket to the top surface of the carrier
- All dimensions meet EIA-481-3 requirements
- 13"1R = 21 m, 2.500 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.