

**Product Name /** SMD contact finger springs FCB-21ZG3050040B-AU-SMD  
**Produktbezeichnung** SMD-Kontaktfedern FCB-21ZG3050040B-AU-SMD

**Structure / Aufbau**

TECHNICAL DATASHEET

**PCB Layout Recommend**

**SOLDER PAD DIMENSION**

**3D View**

Disclaimer: This is only a recommendation based on information available to MTC at the time of printing. Actual land pattern may have to 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.

Classification Klassifikation	Unit Einheit	Typical values typische Werte	Remarks / Bemerkungen
<b>Material</b>			
<b>Basic material</b> Basismaterial		<b>BeCu (beryllium copper) /</b> CuBe (Kupfer-Beryllium)	
<b>Surfaces</b> Oberflächen		<b>Gold-plated,</b> vergoldet	<b>Other surfaces on customer's request /</b> andere Oberflächen auf Kundenwunsch
<b>Dimensions</b> Abmessungen	mm	T 0,08	<b>Dimensions according to drawing /</b> Maße gemäß Zeichnung
<b>Typical properties of BeCu / typische Eigenschaften von CuBe</b>			
<b>Electrical conductivity</b> elektrische Leitfähigkeit	m / Ωmm <sup>2</sup>	<b>12,5-13</b>	
<b>Tensile strength</b> Zugfestigkeit	N / mm <sup>2</sup>	<b>1200-1450</b>	
<b>Modulus of torsion</b> Torsionsmodul	N / mm <sup>2</sup>	<b>47.000</b>	
<b>Modulus of elasticity</b> Elastizitätsmodul	N / mm <sup>2</sup>	<b>135.000</b>	