

Spring Contacts

Small & Grounded

GCT’s spring contacts provide compact, versatile solutions for reliable PCB connections across charging, grounding, and antenna applications.

Designed for surface mount, they’re available in a range of contact heights and force ratings to suit diverse design needs.

Ideal for space-constrained devices such as wearables, mobile electronics, and medical equipment, these contacts ensure dependable performance with durable construction and easy assembly.

Material Overview



Stainless Steel Shell



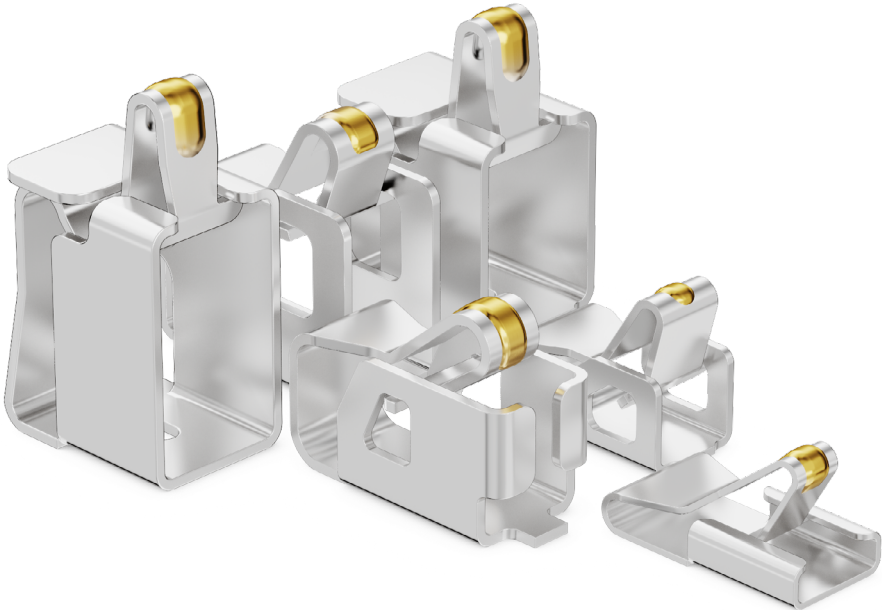
Copper Alloy Shell



Nickel underplating



Gold contact plating



① Compact and Versatile PCB Contacts

Small form factor suited for compact electronics, including wearables and mobile devices.

② Ideal for Charging and Grounding

Provides reliable connection for power transfer, grounding, and antenna applications.

③ Wide Range of Contact Heights and Forces

Offers design flexibility to meet specific mechanical and electrical application needs with heights of 0.50mm to 3.10mm.

④ Durable with High Cycle Life

Supports frequent engagement with reliable performance over thousands of mating cycles.

Part Code	Nominal Working Height	Working Height Range	Contact Material	Current Rating	Durability
SCS05-065-10	0.65mm	0.50mm - 0.85mm	Stainless Steel	1.5A	1500 Cycles
SCS10-110-10	1.10mm	0.95mm - 1.30mm	Stainless Steel	0.5A	1000 Cycles
SCS15-150-10	1.50mm	1.40mm - 1.65mm	Stainless Steel	2.0A	2000 Cycles
SCS20-210-10	2.10mm	1.95mm - 2.25mm	Stainless Steel	2.0A	1500 Cycles
SCC05-250-03	2.50mm	2.10mm - 2.60mm	Copper Alloy	1.5A	1500 Cycles
SCC10-290-03	2.90mm	2.60mm - 3.10mm	Copper Alloy	1.0A	1500 Cycles