

# High-Strength Copper Alloy - Titanium Copper Alloy -

## Application Examples



SIM card Connector



Smartphone



Copper Alloy



Automobile



Floating Connector



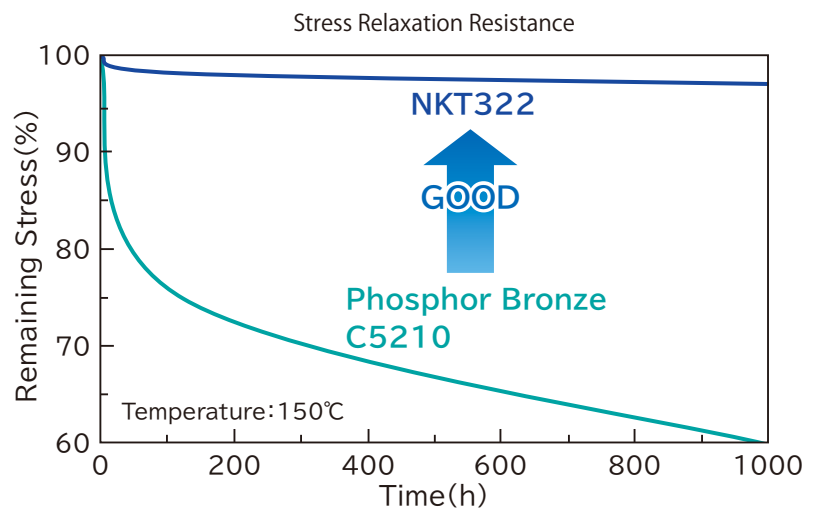
Ground Contact



FPC Connector

## Merits for Customers

- Titanium copper is widely applicable as a beryllium copper substitute.
- Contributes to improved connection reliability of connectors and electrical components used in high temperature environments.
- Titanium copper is a copper alloy that has the highest level of stress relaxation resistance and can maintain contact force even at high temperatures.



## Features of Titanium Copper Alloys

- Titanium Copper Alloys are beryllium-free ultra-high-strength copper alloys. They have higher strength than phosphor bronze, thus exhibiting higher contact force when used as small contact terminals.

