

Residue crack resistance perfect halogen free solder paste

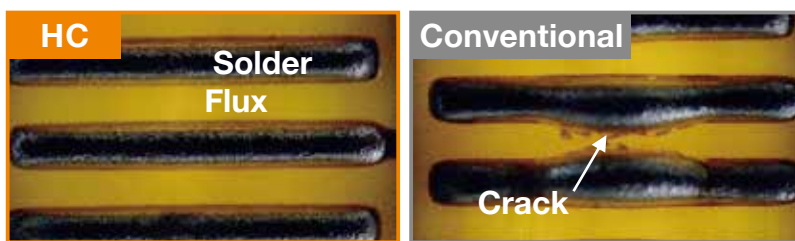
### Characteristics

- Prevents residue crack by using flexible synthetic resin
- Ensures superior electrical reliability, high insulation resistance from start
- Controls whisker generation by using perfect halogen free flux

### Reliability

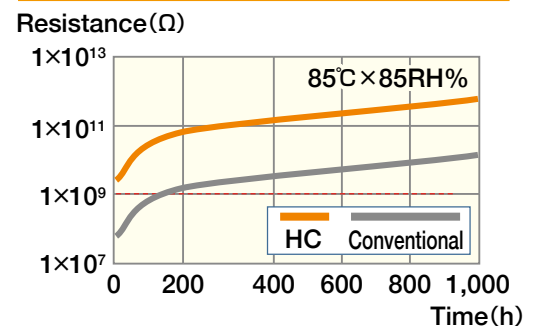
- High crack resistance after thermal cycle
- High insulation resistance from start, and offers superior electrical reliability

#### Residue Crack Resistance



-40↔+125°C × 1,000 cycle

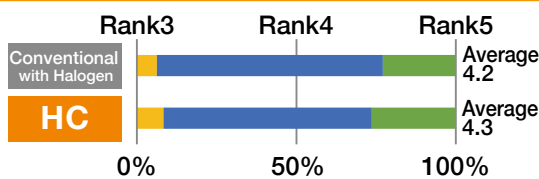
#### Insulation resistance



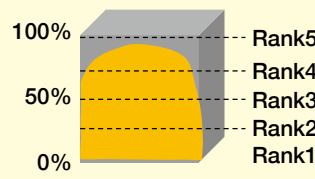
### Wetting Characteristics

- Excellent wetting without halogen

#### QFP Wetting



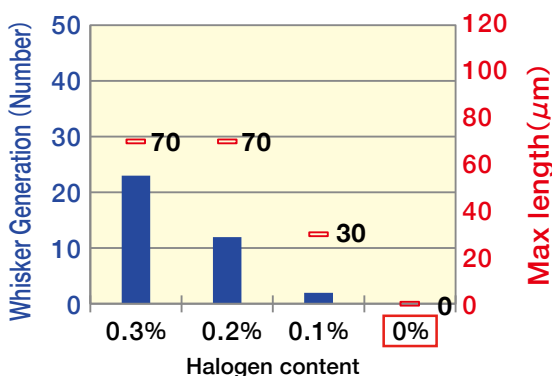
#### Wetting criteria



### Whisker prevention

- Controls whisker generation by using halogen free flux

#### Whisker generation control



Due to high density component mounting space between components are getting narrower, and whisker generation may cause short circuit.