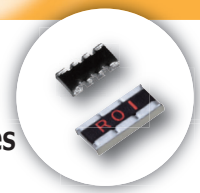
Environment resistant
Anti-Sulfurated series

Anti-Sulfurated | Anti solder joint crack | AEC-Q200

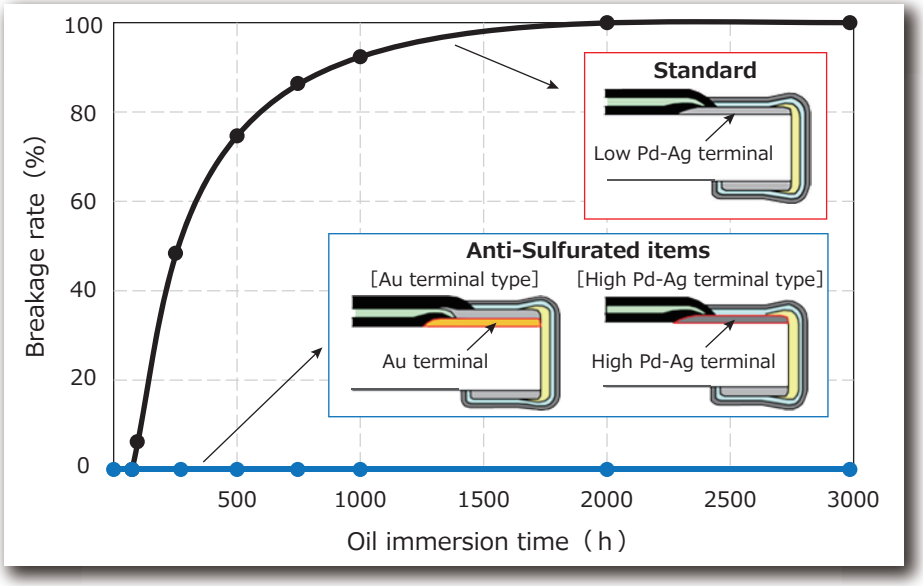


Standard : ERJS/U series
Array[*1] : EXBU series
High precision: ERJU*R series
Low resistance : ERJU*S/Q series
Small size & High power : ERJC/ERJUP series
Wide terminal : ERJC series

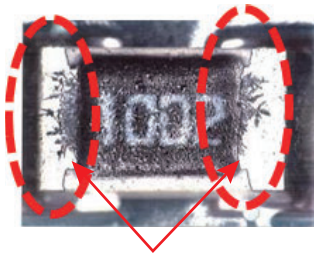
*1 : AEC-Q200 Grade 1

Anti-Sulfurated terminal reduces variation in the resistance value under harsh environment(sulfur)

● Sulfurized oil immersion test of chip resistors

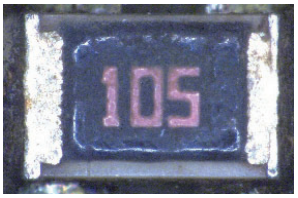


[Breakage in conventional items]

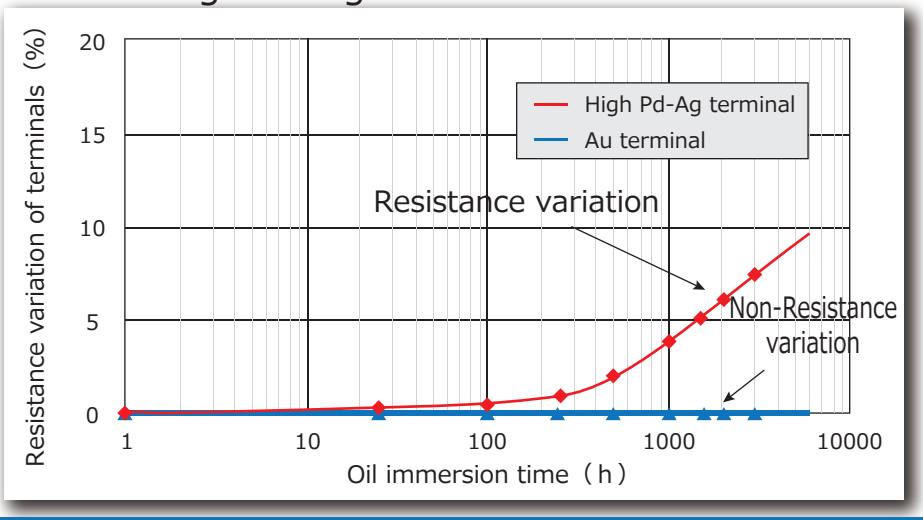


Sulfurated Ag needle crystal

[Non-Breakage in anti-sulfuraed items]



● Sulfurized oil immersion test of Au terminal and high Pd-Ag terminal



Covered with nickel plating layers, there is no anti-sulfurated characteristic difference between Au terminal and Pd-Ag terminal.

While Pd-Ag terminal has some variations in resistance value, Au terminal has very little variations in sulfurized oil immersion test.
It shows that Au terminal has higher anti-sulfurated characteristics of terminal itself.

With Anti-Sulfurated characteristics,

1. High reliability by reducing sulfurated breakage
2. Improve reliability of device at harsh environment
3. Cost reduction by unnecessary of sealing substrate

< Wide lineup of Anti-Sulfurated chip resistors with anti-sulfurated ctrode >

■ Chip resistor (standard size)

Type \ Size (inch)		0201	0402	0603	0805	1206	1210	2010 1020 (Wide terminal)	2512	Web catalog
Standard			ERJS02	ERJS03	ERJS06	ERJS08	ERJS14	ERJS1D	ERJS1T	Click
		ERJU01	ERJU02	ERJU03	ERJU06	ERJU08	ERJU14	ERJU1D	ERJU1T	
Precision			ERJU2R	ERJU3R	ERJU6R					Click
Small & High power				ERJUP3	ERJUP6	ERJUP8				Click
Low resistance (0.1 Ω to 10 Ω)					ERJU6S					Click
					ERJU6Q					
Array	2 resistors	EXBU14	EXBU24	EXBU34						Click
	4 resistors	EXBU18	EXBU28	EXBU38						
	8 resistors		EXBU2H							
Wide terminal	Low resistance (10 mΩ to 1 Ω)							ERJC1B		Click
								ERJC1C		