

## ● Feature

- ✓ Endurance: **125°C 12,000h**
- ✓ Voltage: 2.5V<sub>dc</sub> to 16V<sub>dc</sub>
- ✓ Capacitance: 100μF to 560μF
- ✓ Size: φ6.3×6.7L
- ✓ Higher temperature than PXT series

## ● Product Chart

- ✓ **Recommended to replace PXT with PNA**

\*Super low ESR/ high humidity resistance series  
(Polymer / SMD type)

### PXT

- 2.5 to 16v
- 85°C/85%RH 1,000h
- 105°C 15,000h

Since 2018.06

## ● Recommended Application

- ✓ Power supply that required output excellent filtering
- ✓ Switched-mode power supplies
- ✓ For base station

**NEW**

### **PNA**

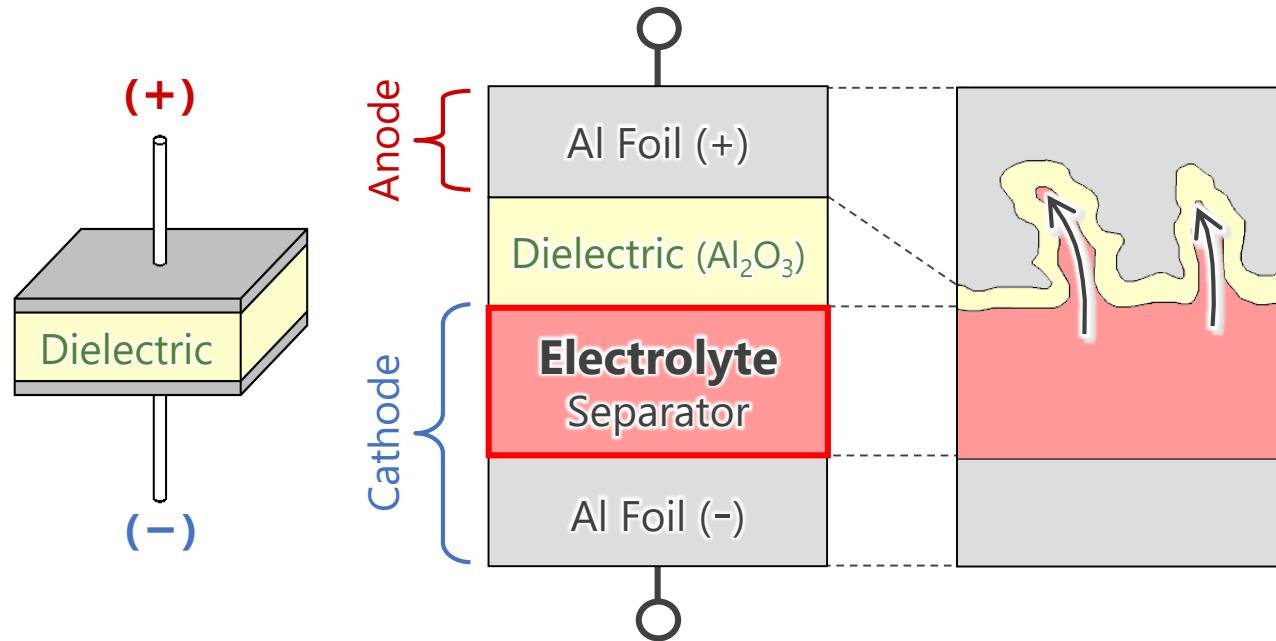
- **Higher Temp/Longer Lifetime!!**
- **2.5 to 16v**
- **85°C/85%RH 1,000h**
- **125°C 12,000h**



Since 2024.02



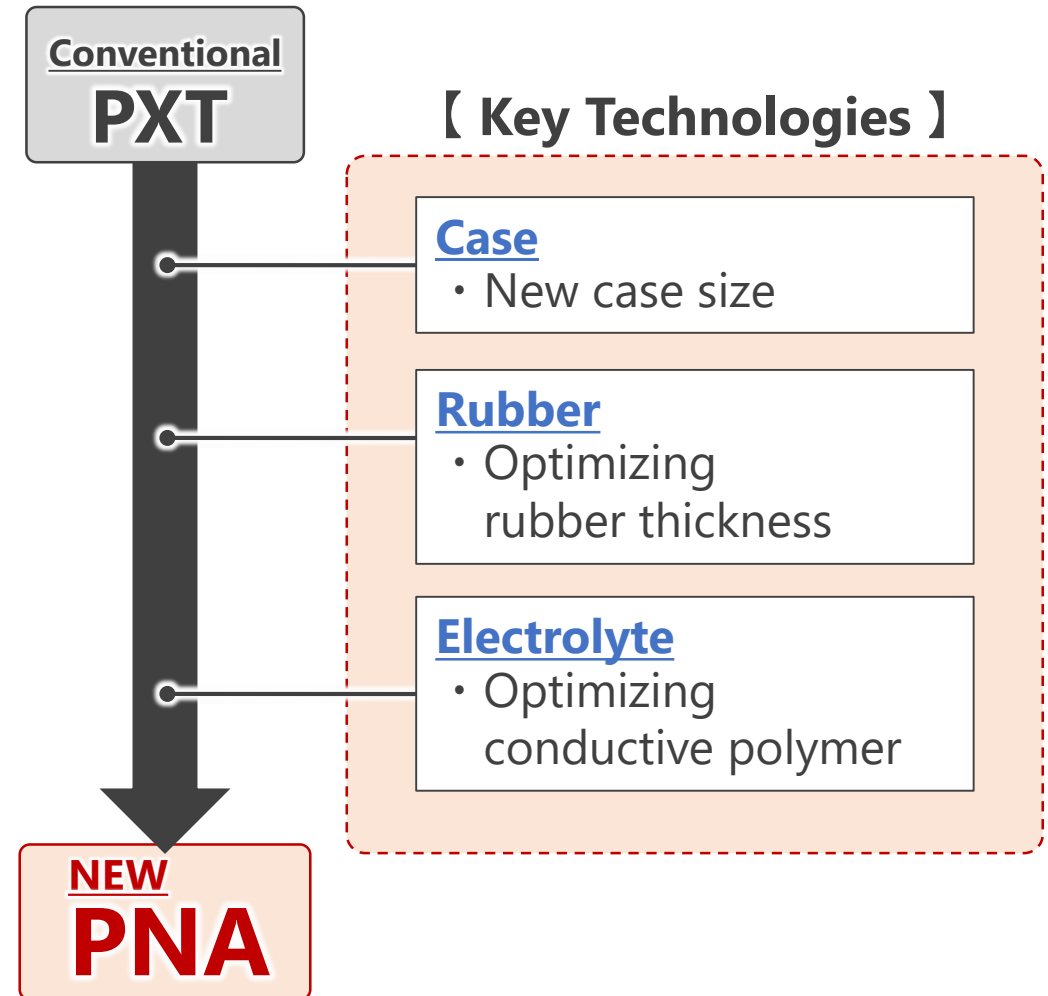
## ● Advantage



### ☑ Two advantages of PNA



- ① Higher heat resistance
- ② Longer Lifetime

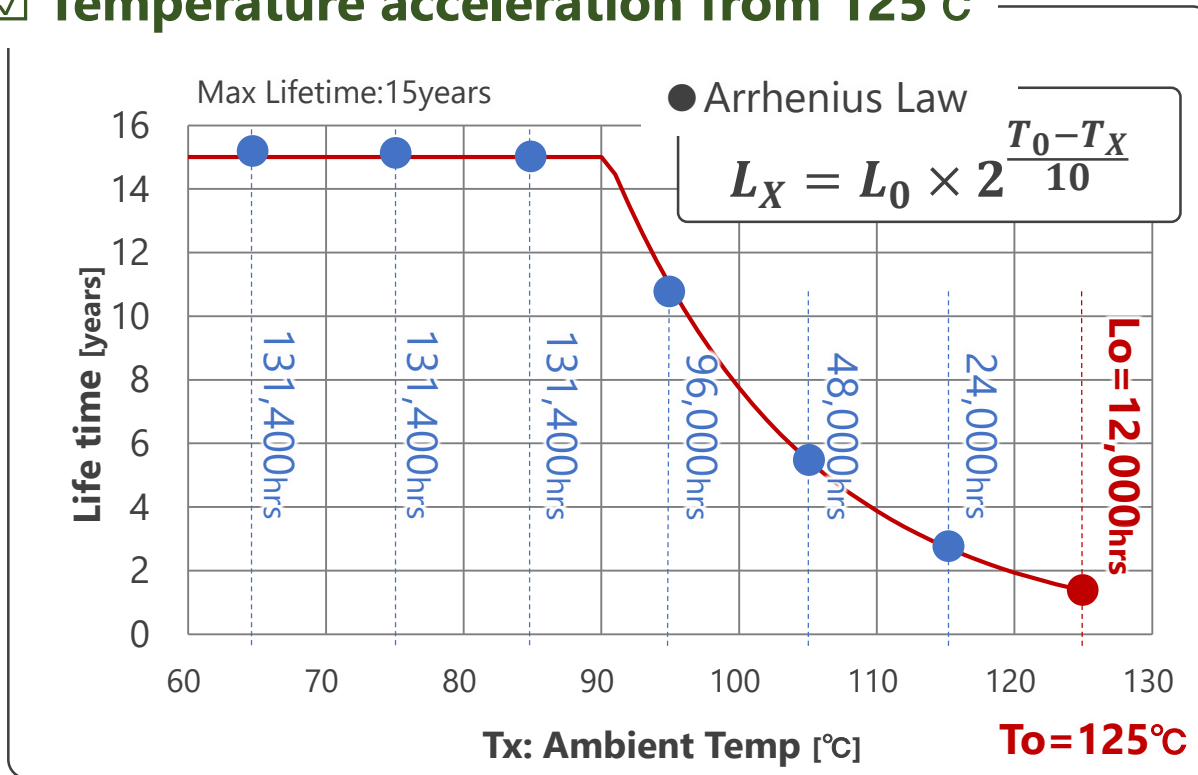


## ● Benefit/Evidence

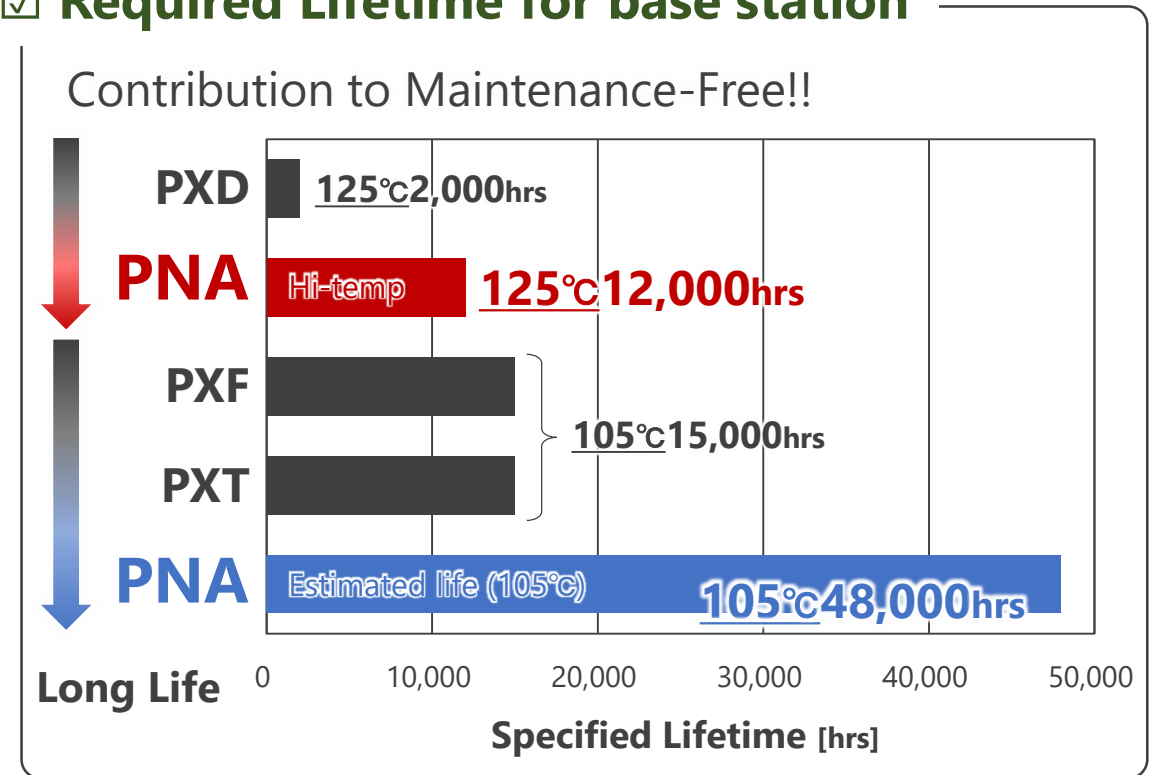
- ➔ ① **Higher heat resistance** . . . **Adaptation to higher temperature environment**
- ➔ ② **Longer Lifetime** . . . **Longer equipment lifetime**



### ☑ **Temperature acceleration from 125°C**



### ☑ **Required Lifetime for base station**



## ● Benefit/Evidence

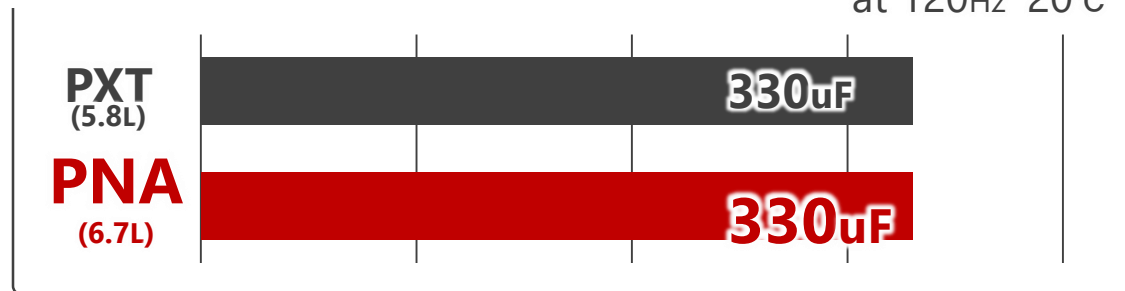
① Higher heat resistance · · · Adaptation to higher temperature environment

➔ ② **Longer Lifetime** · · · **Longer equipment lifetime**



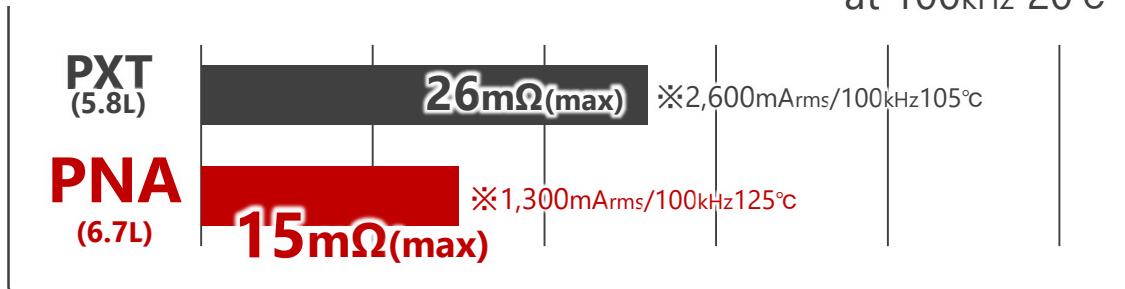
### ☑ Capacitance (6.3V, $\Phi$ 6.3)

at 120Hz 20°C



### ☑ ESR (6.3V, $\Phi$ 6.3)

at 100kHz 20°C



### ☑ Lifetime (6.3V, $\Phi$ 6.3)

\*Ambient temp: 90°C

