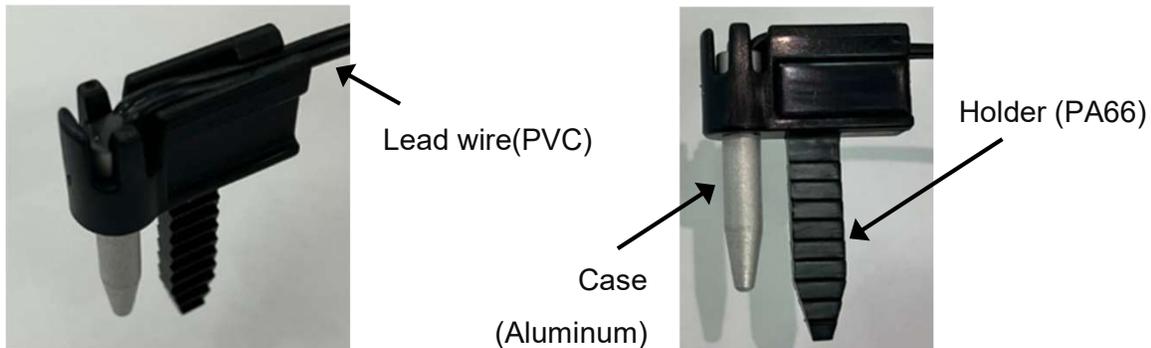


# Sensor for automotive air conditioner

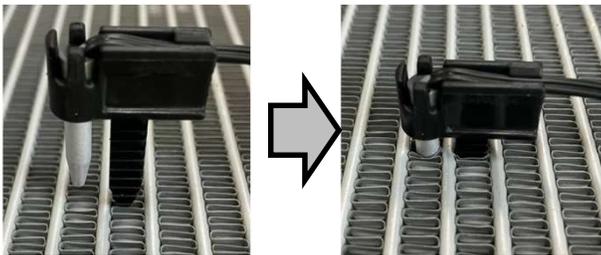
SEMITEC sensors deliver reliable performance for automotive air conditioning systems (evaporators). Engineered with thermistors offering exceptional migration resistance, our sensors ensure long-term durability and stability. The high-thermal-conductivity aluminium casing enables rapid responsiveness, while the unique uneven-belt design prevents displacement from the evaporator. In addition, sensor size and specifications can be fully customized to meet diverse customer requirements.

## ■ Appearance and shape

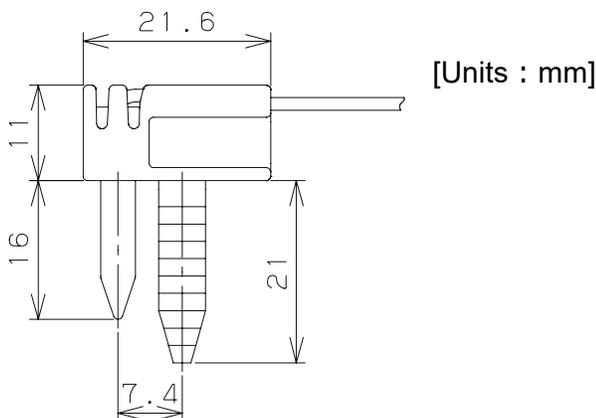
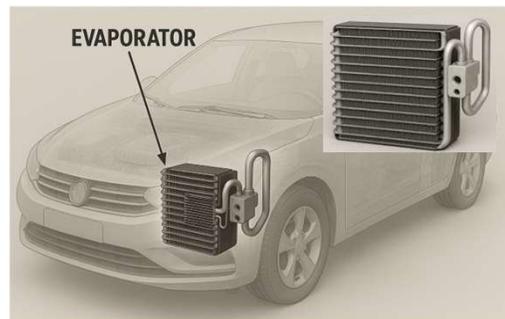


## ■ How to use

- Sensor inserted directly into the fins of the evaporator



## ■ Automotive evaporator



## ■ Basic specifications

Item	Detail
Electrical characteristics	Resistance at 0°C : 27.62kΩ±1% B constant (B0/25) : 3309±3%
Operating temperature	-40°C~85°C
Thermal time constant	6 seconds or less (in water)
Heat dissipation constant	2~5mW/°C

If you have any questions/concerns with sensing, please contact us.

**SEMITEC** SEMITEC Electronics India Pvt. Ltd.

Plot no 303, Jigani Bommasandra link road, Jigani Industrial Area, Jigani Post Bangalore

■ TEL : +91-80296-00256 ■ E-mail : sei-sales@semitec-sei.com-91-9035032135/36



<https://www.semitec-india.com/>

Ver. 1.00