

# LOCTITE®

## HENKEL SOLUTIONS FOR AUTOMOTIVE ELECTRONICS COMPONENTS

### LOCTITE® AA 5832

1k polyacrylate high strength potting for sealing ECU connectors



#### Features & Benefits

- **1K polyacrylate** potting offers **silicone-free** encapsulation for electronic component protection
- **UV Cure** for fast processing
- **Customized rheology** for easy **dispensing** and **smooth leveling**
- Excellent **durability** with hot automotive transmission fluids (**ATF**) and **engine oils**
- **Seal** performance from **-40° to 150°C** achievable



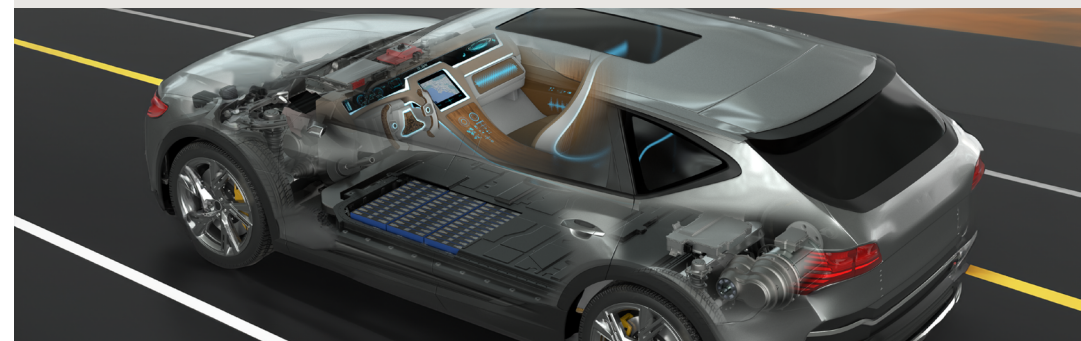
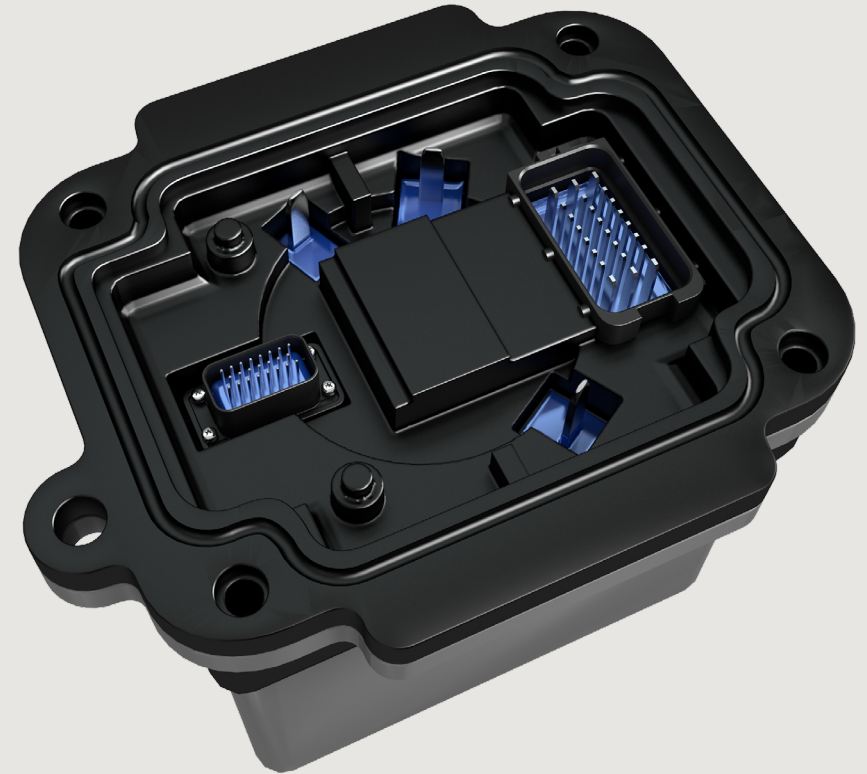
#### Sustainability Value

- **Reduced energy** consumption due to UV curing
- **Reduced** equipment and manufacturing **footprint**
- Increased **reliability** of electronic components in **harsh automotive environments**

Leverage Henkel's broad technology portfolio and application know-how to strengthen your automotive electronics applications.



Henkel Adhesive Technologies





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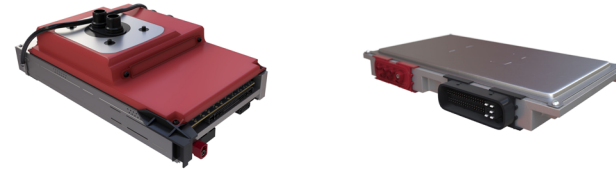
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## Product Properties

Parts (component)	1
Viscosity (mPa.s)	3400-6400
Cure Time (seconds)	15-30
Color	Transparent yellow
Specific Gravity (g/cc)	1.08
Durometer, Shore A	60 - 75
Tensile Strength, Die C (MPa)	≥ 4.5
Elongation (%)	≥ 200
Modulus at 50% (MPa)	1.1
Adhesion, bright Tin CRS (MPa)	2.2

## AREAS OF APPLICATIONS

- Electrical Control Units (ECU)
- ECU Connectors
- Mechatronic Systems
- ADAS components



## AVAILABLE CONFIGURATIONS

- 300 ML Cartridge
- 18 KG Pail

Reach out to our experts to partner up for automotive and industrial electronics solutions.

CONTACT US TO LEARN MORE

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