



03/27/2024

Subject: Change to SAE/USCAR-2, Revision 8, (Letter #13)

Changes have been made to the USCAR-2 specification. Comments and questions can be sent to [EWCAP@uscar.org](mailto:EWCAP@uscar.org).

**Situation:**

The scope of USCAR-2 is currently limited to 20V, but recent assessments have shown that USCAR-2 testing can be used to 60V. Therefore, the scope of USCAR-2 (Section 1) is changed as shown. It is understood that arcing performance of 20V and 60V connectors may be different, but this is not relevant since USCAR-2 does not have an arcing test.

SAE/USCAR-2 REVISION 8  
PERFORMANCE SPECIFICATION FOR  
AUTOMOTIVE ELECTRICAL CONNECTOR SYSTEMS

Revised 2022-06

- 3 -

1. SCOPE

This specification covers performance testing at all phases of development, production, and field analysis of electrical terminals, connectors, and components that constitute the electrical connection systems in road vehicle applications that are: low voltage (~~0 to 20~~ <sup><60</sup> VDC) or Coaxial. Incomplete (mechanical) specifications for jacketed twisted pair connectors are also provided. These procedures are only applicable to terminals used for In-Line, Header, and Device Connector systems. They are not applicable to Edge Board connector systems, twist-lock connector systems, ~~>20~~ <sup>≥60</sup> VAC or DC, or to eyelet terminals.