

12/06/23

Subject: Change to USCAR-37, Rev 1 Letter #3

Changes have been made to USCAR-37, Rev 1 specification to change the criteria for 5.2.4.5. The change is required since terminal retention on small cables is more difficult to achieve than on large cables. Comments and questions can be sent to EWCAP@uscar.org.

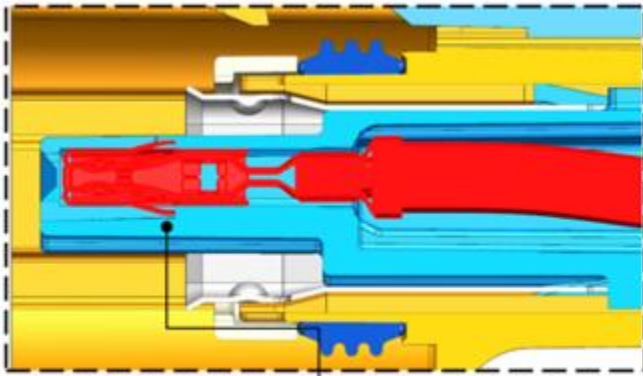
CHANGES TO USCAR-37

5.2.4.5 is changed as shown:

5.2.4.5 Acceptance criteria

The minimum force required to move the ferrule from its installed position shall be $\geq 150^*$ N.

* 110 N is allowed for cable sizes $\leq 5\text{mm}^2$ if ferrule is not involved in the terminal retention (as shown below).



Terminal tangs, lock finger, and independent secondary lock must provide all the terminal retention for 110N criteria to apply (i.e. ferrule cannot contribute to terminal retention).