

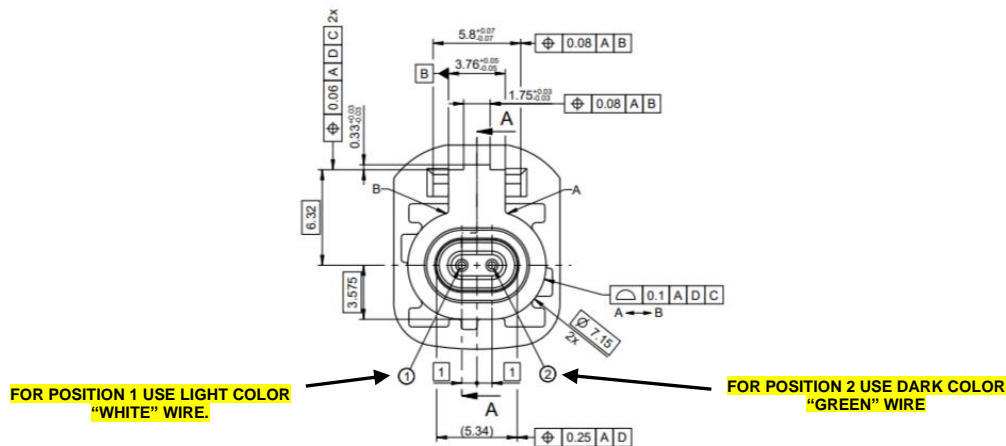
11/08/2023 Updated 3/26/2024

Subject: Application information for USCAR interface drawings with part numbers starting with "777" (such as 777-U-002-1-Z01). Comments and questions can be sent to EWCAP@uscar.org.

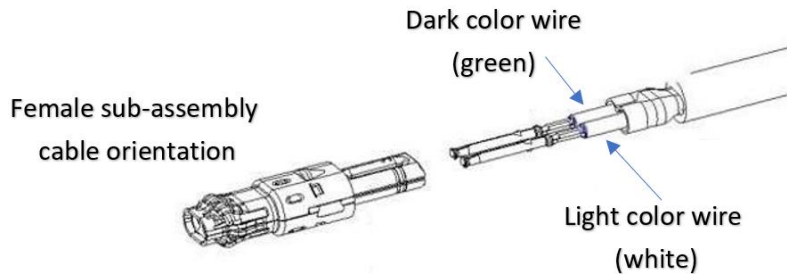
The wires used for EWCAP "777" series connectors are twisted pair cables with one darker color wire (typically green) and one lighter color wire (typically white). USCAR connector interface drawings do not identify which wire goes into which position, since wire position does not matter in connector differential pair measurements. In vehicle use, however, consistency in wire position is needed. This letter gives instructions on how the USCAR members expect wires to be placed into the connector.

The following color assignments apply:

- The lighter color (typically "White") wire is assigned to connector Position 1, as shown
- The darker color (typically "Green") wire is assigned to connector Position 2



This is how the wires look in an exploded view of the female (wire harness) connector look:



If an inline male (pin) connector is used in place of a header connector, the same rules apply and the wires going into the male connector have this orientation:

