

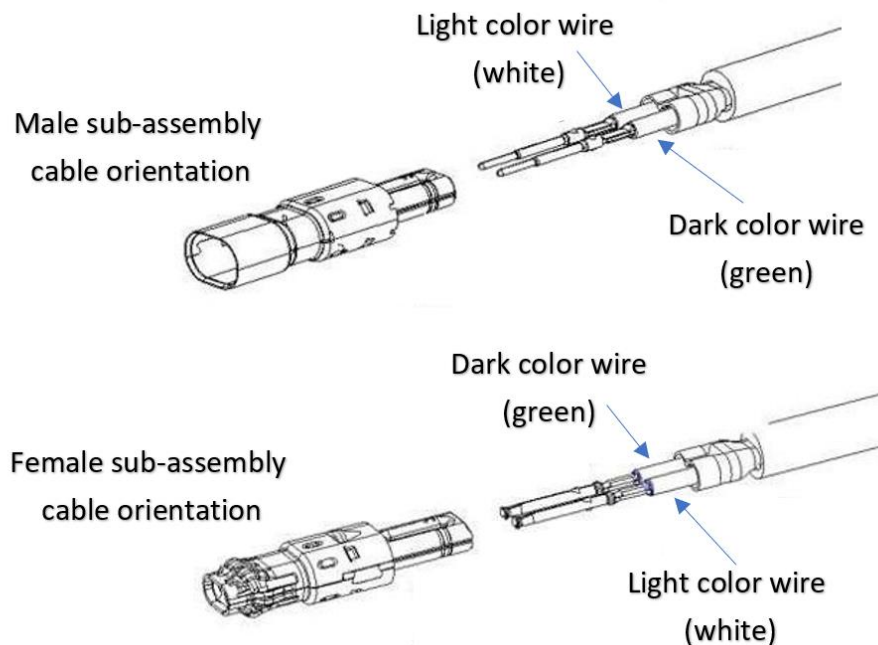
11/08/2023

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.

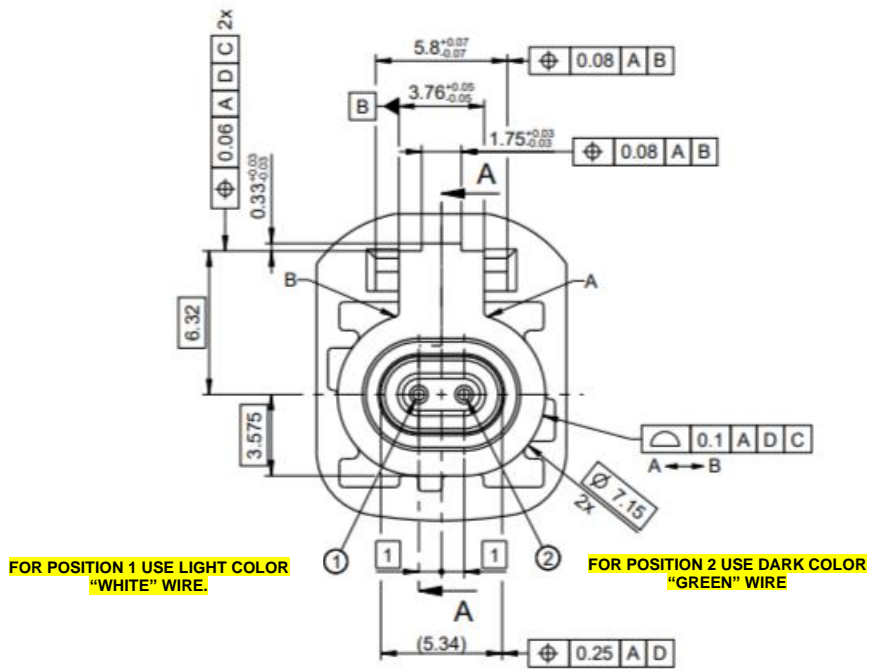
The wires used for EWCAP “777” series connectors are twisted pair cables with one darker color wire (typically green) and one lighter color wire (typically white). USCAR connector interface drawings do not identify which wire goes into which position, since wire position does not matter in connector 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 assignments apply:

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



NOTE: When convenient, interface drawings will be updated as shown in yellow highlight.



NOTES:

- 1) ○ = NUMBER FOR PINNING
- 2) ALL NON-DIMENSIONED RADII: R0.2±0.05
- 3) CONTACT OVERLAP OF MIN: 1.0MM HAS TO BE GUARANTEED
- 4) MEASURE WITHIN REFERENCE SYSTEM

AD