**IEEE 837 – 2024 Qualification Cover Page**

**Connection Details:**

Manufacturer Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Tested Connector Part No.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Connector Family[[1]](#footnote-2): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[test results apply to all connectors in family]

**Connection Style:**

Tool / Mold: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Die /Weld Metal/Torque: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Conductor Stranding, Material, and Condition:

Largest – to – Largest: Conductor 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Conductor 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Largest – to – Smallest: Conductor 1: \_\_\_\_\_\_\_\_\_\_\_\_\_ Conductor 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Connection Family:**

In-line Splice

Parallel Splice/Tap

Cross-Connection

Tee – Connection

Terminal

Termination to Bus/Structure/Equipment

O Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **Testing Details:** | **Largest – to – Largest** | **Largest – to – Smallest** |
| 1. Mechanical Testing:    1. Electromagnetic Force (EMF) Test | Test Report: \_\_\_\_\_\_\_\_\_  Note: | Test Report: \_\_\_\_\_\_\_\_  Note: |
| 1. Sequential Testing:    1. Salt Fog Test Sequence       1. Current-Temperature Cycle Test       2. Freeze-Thaw Test       3. Corrosion – Salt Spray Test       4. Fault Current Test | Test Report: \_\_\_\_\_\_\_\_\_  Note: | Test Report: \_\_\_\_\_\_\_\_  Note: |
| * 1. Acid Corrosion Test Sequence      1. Current-Temperature Cycle Test      2. Freeze-Thaw Test      3. Corrosion – Acid Test      4. Fault Current Test | Test Report: \_\_\_\_\_\_\_\_\_  Note: | Test Report: \_\_\_\_\_\_\_\_  Note: |

1. Part Numbers in Connector Family: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [↑](#footnote-ref-2)