

IEEE 837 – 2024 Qualification Cover Page

Connection Details:

Manufacturer Name: _____

Tested Connector Part No.: _____ Connector Family¹: _____
[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:

- | | |
|--|---|
| <input type="checkbox"/> In-line Splice | <input type="checkbox"/> Tee – Connection |
| <input type="checkbox"/> Parallel Splice/Tap | <input type="checkbox"/> Terminal |
| <input type="checkbox"/> Cross-Connection | <input type="checkbox"/> Termination to Bus/Structure/Equipment |
| | <input type="checkbox"/> Other: _____ |

Testing Details:

Largest – to – Largest

Largest – to – Smallest

- | | | |
|--|--------------------|--------------------|
| <input type="checkbox"/> 1. Mechanical Testing: | Test Report: _____ | Test Report: _____ |
| a. Electromagnetic Force (EMF) Test | Note: _____ | Note: _____ |
|
 | | |
| <input type="checkbox"/> 2. Sequential Testing: | Test Report: _____ | Test Report: _____ |
| a. Salt Fog Test Sequence | Note: _____ | Note: _____ |
| i. Current-Temperature Cycle Test | | |
| ii. Freeze-Thaw Test | | |
| iii. Corrosion – Salt Spray Test | | |
| iv. Fault Current Test | | |
|
 | | |
| <input type="checkbox"/> b. Acid Corrosion Test Sequence | Test Report: _____ | Test Report: _____ |
| i. Current-Temperature Cycle Test | Note: _____ | Note: _____ |
| ii. Freeze-Thaw Test | | |
| iii. Corrosion – Acid Test | | |
| iv. Fault Current Test | | |

¹ Part Numbers in Connector Family: _____