

Side Exit CCJ (Crown Clip Junior) Cable Assembly System

1. INTRODUCTION

This specification covers the requirements for application of Side Exit CCJ (Crown Clip Junior) cable assemblies used in power distribution systems of Open Computer Project. The cable assembly are available in single exit at left or right side application, and double exit at both left and right side application.

NOTE The exit configuration is customer determined. Different cable assembly configurations can be designed to meet customer requirements within the limitations stated in this document.

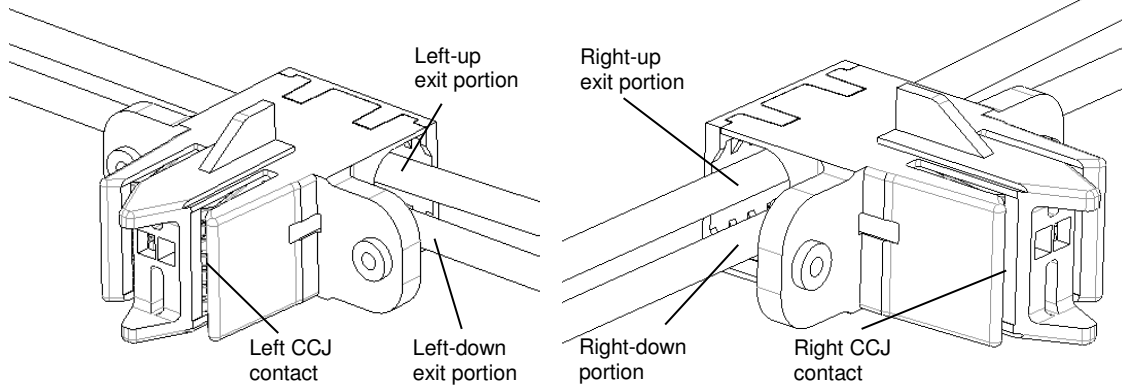


Figure.1

The cable assemblies are available with wire sizes 8 through 4AWG or 8 through 26mm² (multi-wires included) for each of the 4 portions refer to Figure1, and the cable assembly is capable of holding combinations of 2, 3 and all 4 portions.

These cable assemblies mate with 3mm thick silver plating bus-bar which defined in Open Compute Project, refer to Figure2.

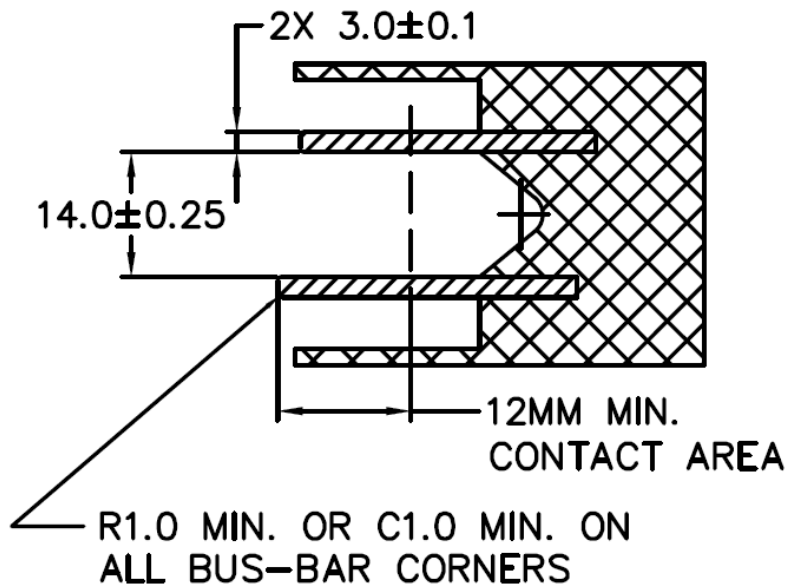


Figure.2

2. REFERENCE MATERIAL

2.1. Revision Summary

Revisions to this application specification include:

- Preliminary proposal

2.2. Specifications

Product Specification 108-152035 provides product performance and test information.

2.3. Standards

These cable assemblies comply to Electronic Industries Alliance (EIA)-364, “Electrical Connector Test Procedures Including Environmental Classifications”.

3. REQUIREMENTS

3.1. Safety

Do not stack product shipping containers so high that the containers buckle or deform.

3.2. Storage

A. Ultraviolet Light

Prolonged exposure to ultraviolet light may deteriorate the chemical composition used in the cable assembly material.

B. Shelf Life

The cable assemblies should remain in the shipping containers until ready for use to prevent any damage or deformation. The cable assemblies should be used on a first in, first out basis to avoid storage contamination that could adversely affect performance.

C. Chemical Exposure

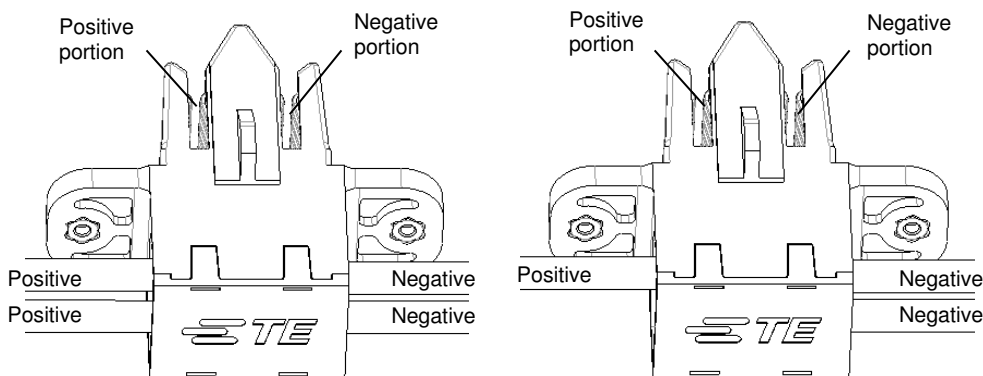
Do not store cable assemblies near any chemical listed below as they may cause stress corrosion cracking in the contacts.

Alkalis	Ammonia	Citrates	Phosphates	Citrates	Sulfur Compounds
Amines	Carbonates	Nitrites	Sulfur Nitrites		Tartrates

4. CONFIGURATIONS

4.1. Back Exit Configurations.

The available back exit configurations are shown below.



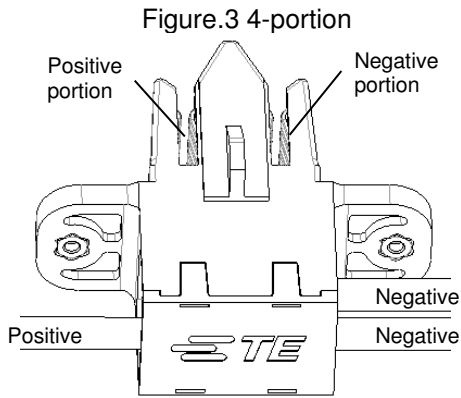


Figure.3 4-portion

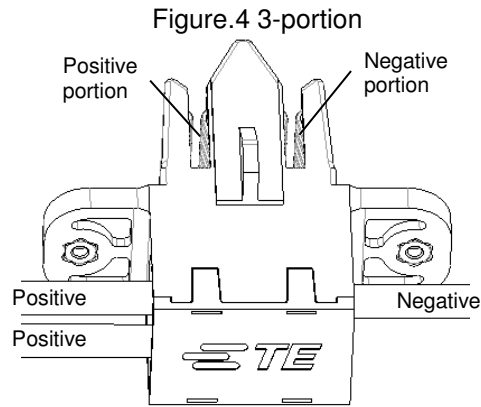


Figure.4 3-portion

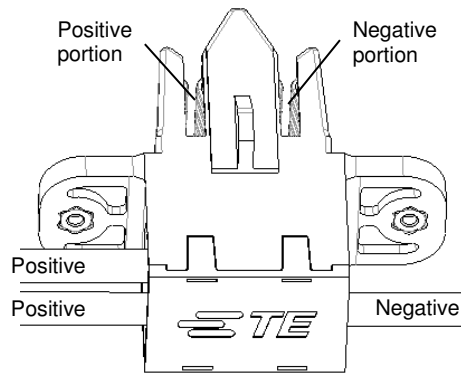


Figure.5 3-portion

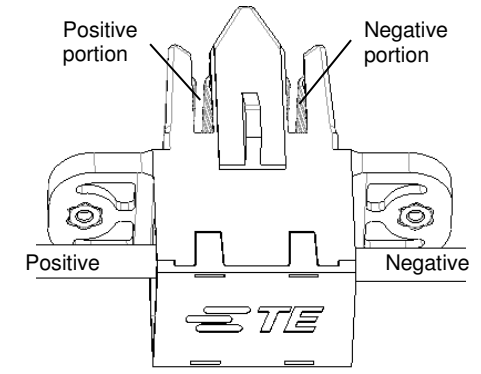


Figure.6 3-portion

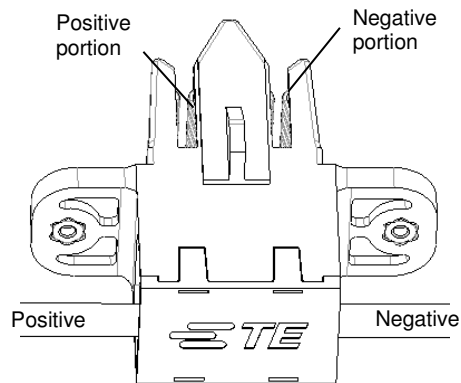


Figure.7 3-portion



Figure.8 2-portion

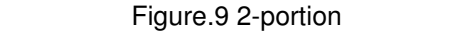


Figure.9 2-portion

4.2. Cross Exit Configurations.
The available cross exit configurations are shown below.

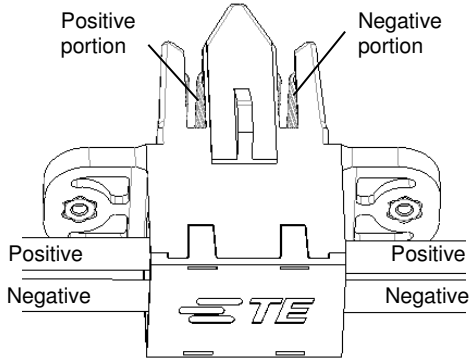


Figure.10 4-port

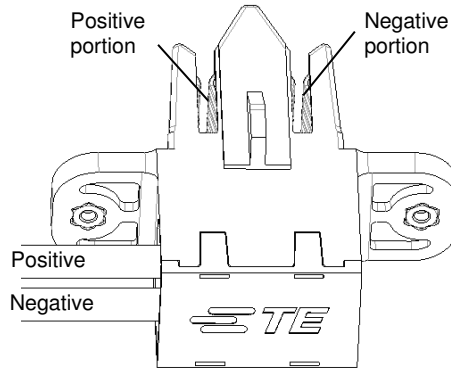


Figure.11 2-port

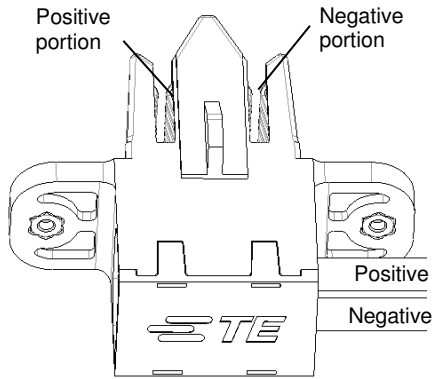


Figure.12 2-port

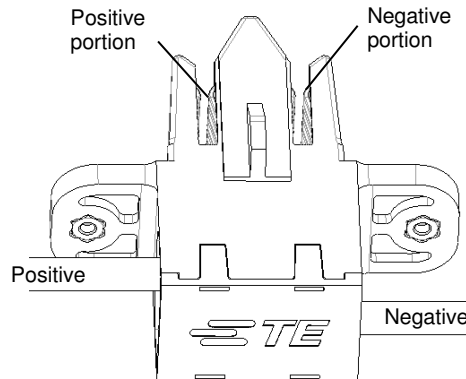


Figure.13 2-port

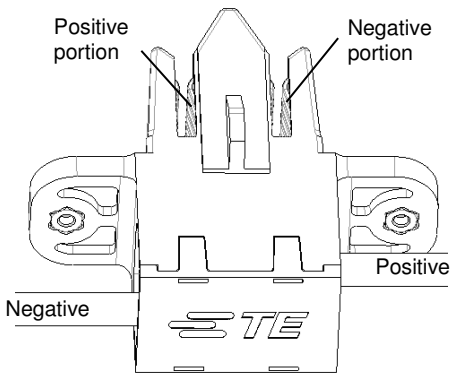


Figure.14 2-port

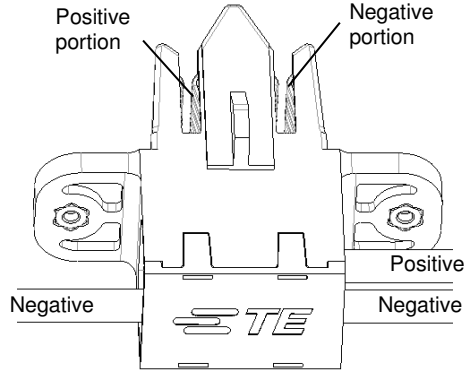


Figure.15 3-port

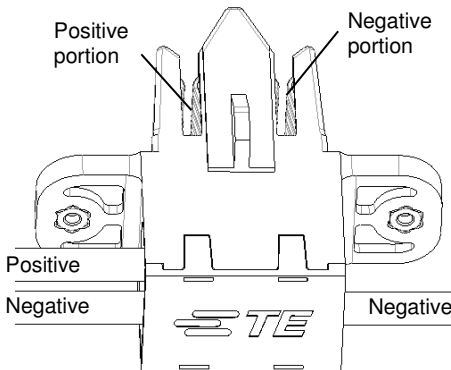


Figure.16 3-port

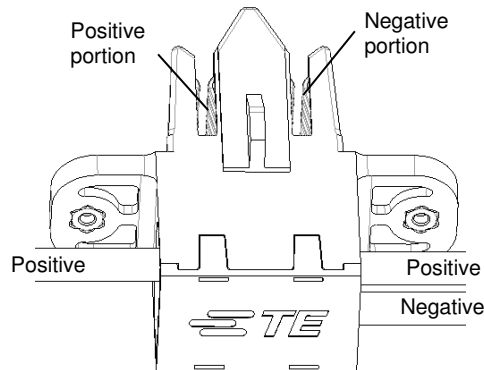


Figure.17 3-port

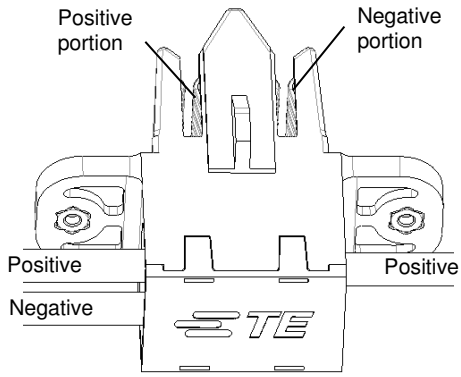


Figure.18 3-portion