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## REPORT OF TEST

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*The products described in this Report were tested for compliance to the standard(s) listed below. The products listed below are not part of an Intertek Verification Program and the results are provided to the client as a one time performance test.*

**Reference Intertek Report Nos.:** 102629202CRT-001

**Date:** November 16, 2016

### Test:

Performance testing of connecting hardware mechanical endurance to the standard requirement of IEC 60512-99-001 for support of remote power applications with test current of 2 Amperes per conductor (for future PoE++ applications)

### Standard used:

IEC 60512-99-00, Connectors for electronic equipment – Tests and measurements – Part 99-001: Test schedule for engaging and separating connectors under electrical load – Test 99a: Connectors used in twisted pair communication cabling with remote power, Edition 1.0 dated 2012-08

### Sample description:

The client supplied Category 6A UTP RJ45 jacks identified with part number CJ6X88TGBU and Cat 6A UTP RJ45 patch cords identified with part number UTP6A10BU. The samples were received on June 9, 2016 and were production samples in undamaged condition. A total of eight (8) mated plug and jack specimens were tested and remained paired throughout the test sequence.

This testing that was performed is valid for these connector models that have identical plug contacts: NKP5E88M\*\*, CJ5E88TG\*\*, CJ6X88TG\*\*, CJ688TG\*\*, CJS5E88TG\*\*Y, CJS6X88TG\*\*Y, CJS688TG\*\*Y, CJT5E88TG\*\*, CJT6X88TG\*\*, CJT688TG\*\*, NK6X88M\*\* and NK688M\*\*

### Test methodology:

The full test sequence (tests UEL 1.1 through UEL 1.12) was performed on all eight (8) test specimens. The test current was increased to 2.0 A per conductor in lieu of the specified current of 0.6 A per conductor.

### Conclusion:

The connecting hardware, as previously described and supplied by the client, was tested in accordance with the standard referred to above, and did comply with the indicated applicable requirements. The testing was performed at Intertek located in Cortland, New York.

Reviewed and approved by:

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