



Descriptive and Test Report

MASTER CONTRACT: 164196

REPORT: 1693113

PROJECT: 1693113

Edition 1: February 21, 1996; Application No LR 7189-733 - Toronto
Issued by Nick Sajatovich

Edition 2: July 18, 2005; Project 1693113 - Toronto
Issued by Mike W. Gryschuk, C.E.T.
Reviewed by Todd Hamden

Report Re-Issued
Figures Replaced: Figs 1 to 2

Contents: Certificate of Compliance - Pages 1 to 1
Supplement to Certificate of Compliance - Pages 1 to 1
Description and Tests - Pages 1 to 3
Figures - Figs 1 to 2
Attachments - Pages 1 to 17 (Engineering Only)

PRODUCTS

CLASS 6223 02 - WIRE CONNECTING DEVICES - Wire Connectors

"PLASTI-GRIP" insulated butt splices, terminal splices and terminals, rated 105°C, 600V.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 65-03 - Wire Connectors
CSA Std C22.2 No. 188-04 - Splicing Wire Connectors

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MARKINGS

On each splice: (1).

On each unit package: (1), (2).

On or in smallest unit package: (3), (4), (5), (6), (7), (8), (9).

- (1) Submittor's name or registered trademark
- (2) Part number.
- (3) CSA Mark.
- (4) Wire sizes.
- (5) Maximum temperature rating.
- (6) Voltage rating.
- (7) Tooling and installation instructions.
- (8) Wording "TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS".
- (9) Date code.

ALTERATIONS

See "Markings" above.

FACTORY TESTS

None.

DESCRIPTION

Conditions of Acceptability:

1. Prefixes and suffixes may be added to denote plating, tongue configurations, colour, and packaging.
2. Loose piece and strip form terminations may be installed using AMP CERT-CRIMP Hand Tool, TETRA-CRIMP Hand Tool, Pneumatic Tools or Automatic Machines.

Project 1693113: Increase the temperature rating from 90°C to 105°C.

General: This report consolidates all previously Certified, tested and described "PLASTI-GRIP" wire Connectors from the following Reports into this Part Numberless Report format.

1. LR 7189-4 (Test Records)
2. LR 7189-5
3. LR 7189-31
4. LR 7189-47 (Test Records)
5. LR 7189-59
6. LR 7189-63 (Test Records)
7. LR 7189-A245
8. LR 36551-1, -4 (Test Records)
9. LR 36551-8
10. LR 36551-10 (Test Records)
11. LR 54946-1, -2, -14 (Test Records)

Part A - Insulated "PLASTI-GRIP" Wire Connectors

General: The PLASTI-GRIP family includes butt splicing, parallel splicing, 90° bend, flag, ring, rectangular, spade (flanged), long spring, short spring, hooked tongue, slotted tongue and multi-stud tongue configurations for use with Nos 22 - 2/0 AWG, solid or stranded copper conductors. .