



Certificate of Compliance

Certificate: 1966806 (LR 7189-495)

Master Contract: 164196

Project: 1966806

Date Issued: 2007/10/25

Issued to: Tyco Electronics Corporation

2100 Paxton St
Harrisburg, PA 17105-3608
USA
Attention: Mr. Kurt Farr

The products listed below are eligible to bear the CSA Mark shown



Issued by: Mike W. Gryschuk, C.E.T.

Authorized by: Nick Alfano, Operations
Manager

PRODUCTS

CLASS 6233 01 - RECEPTACLES - Attachment Plug Type and Plugs

Special-use connectors Circular DIN Series 9-211XXX, 211XXX, 212XXX, 520XXX, 750XXX, 786XXX, 787XXX, 788XXX, 5211XXX, 5212XXX, 5520XXX, 5750XXX, 5786XXX, 5787XXX, 5788XXX, rated 5A max, 250V.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 182.3-M1987 - Special Use Attachment Plugs, Receptacles, and Connectors



Supplement to Certificate of Compliance

Certificate: 1966806

Master Contract: 164196

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

| Project | Date | Description |
|----------------|-------------|---|
| 1966806 | 2007/10/25 | Add Series 9-211XXX, 211XXX, 212XXX, 520XXX, 788XXX, 5211XXX, 5212XXX, 5520XXX, 5750XXX, 5786XXX, 5787XXX, 5788XXX. |
| 1966806 | 2007/10/25 | Add Series 9-211XXX, 211XXX, 212XXX, 520XXX, 788XXX, 5211XXX, 5212XXX, 5520XXX, 5750XXX, 5786XXX, 5787XXX, 5788XXX. |

History

| | | |
|------|------------|---|
| -635 | 1995/05/23 | Alternate body material. |
| -495 | 1994/02/23 | Original Certification Series 750XXX, 786XXX, 787XXX. |



Descriptive Report and Test Results

MASTER CONTRACT: 164196

REPORT: 1966806

PROJECT: 1966806

Edition 1: February 23, 1994; Application No LR 7189-495 - Toronto
Issued by Paul Johnson, C.E.T.

Edition 2: May 23, 1995; Application No LR 7189-635 - Toronto
Issued by N. Sajatovich

Report Reissued

Edition 3: October 25, 2007; Project 1966806 - Toronto
Issued by Mike W. Gryschuk, C.E.T.

Figures Replaced: Figs 1 to 5
Figures Added: Figs 6 to 44

Report Reissued

Contents: Certificate of Compliance - Pages 1 to 1
Supplement to Certificate of Compliance - Pages 1 to 1
Description and Tests - Pages 1 to 4
Figures - Figs 1 to 44 (Electronically on File)

PRODUCTS

CLASS 6233 01 - RECEPTACLES - Attachment Plug Type and Plugs

Special-use connectors Circular DIN Series 9-211XXX, 211XXX, 212XXX, 520XXX, 750XXX, 786XXX, 787XXX, 788XXX, 5211XXX, 5212XXX, 5520XXX, 5750XXX, 5786XXX, 5787XXX, 5788XXX, rated 5A max, 250V.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 182.3-M1987 - Special Use Attachment Plugs, Receptacles, and Connectors

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MARKINGS

The Submitter's name/tradename/trademark ("Tyco") and the CSA Mark are permanently marked on each device. The Cat No may appear on each device. The Submitter's identification, the CSA Mark, the electrical rating, the Series designation, the Cat No (where applicable) and the following (or equivalent) wording: "CAUTION: NOT FOR INTERRUPTING CURRENT" and "ATTENTION: NE PAS UTILISER POUR COUPER LE COURANT" appear on or in the smallest packaging unit.

ALTERATIONS

See "Markings" above.

FACTORY TESTS

None

DESCRIPTION

Conditions of Acceptability:

1. Supplied only to manufacturers, as components, for assembly into Certified electrical equipment, where the acceptability of the suitability of the combination is determined in the end use.
2. Not for interrupting current.
3. Prefixes and suffixes may be added

Project 1966806: Add Series 9-211XXX, 211XXX, 212XXX, 520XXX, 788XXX, 5211XXX, 5212XXX, 5520XXX, 5750XXX, 5786XXX, 5787XXX, 5788XXX, see Figs 1 to 44.

APP LR 7189-635: Alternate 100% regrind body material.

Part A - Series 9-211XXX, 211XXX, 212XXX, 520XXX, 750XXX, 786XXX, 787XXX, 788XXX, 5211XXX, 5212XXX, 5520XXX, 5750XXX, 5786XXX, 5787XXX, 5788XXX

General: Originally Certified connectors Cat Nos 750477-1, 786165-1, 786290-1, 786676-1, 787013-1 are respectively similar to Series 212044-1, 211510-1, 211509-1, 212045-1, 212047-1, previously Certified in Report LR 7189-77 (sub-reports LR 51928-7, LR 35510-6, -7, -8, -9, -12), except for minor design variations. Previously Certified connectors Series 211XXX, 212XXX, 520XXX, 788XXX were Certified in Report LR 7189-77 (sub-reports LR 51928-7, LR 35510-6, -7, -8, -9, -12) and are now part of this report. New connectors Series 9-211XXX, 5211XXX, 5212XXX, 5520XXX, 5750XXX, 5786XXX, 5787XXX, 5788XXX are the same as the originally Certified connectors except for the Submittor's claim that these products are lead free. These are for use with Nos 20-28 AWG wires, see Figs 1 to 44.

1. Body: Moulded of suitable nylon materials having a CSA or UL HB min flame class, CSA or UL RTI Strength of 100°C and a minimum CTI of 175V or previously evaluated material in Report 1014893 or previously evaluated material even with 100% regrind, for dimensions see Figs 1 to 44.
2. Contacts: Copper alloy, tin or tin-lead over nickel plated, for shape see Figs 1 to 44.

| <u>Cat Number</u> | <u>Similar Cat No</u> | <u>Poles</u> | <u>Shield</u> | <u>Ground</u> |
|-------------------|-----------------------|--------------|---------------|---------------|
| 9-211509-0 | 211509-1 | 6 | no | contact |
| 5211450-1 | 211450-1 | 5 | no | contact |
| 5211450-2 | 211450-2 | 5 | no | contact |
| 5211508-1 | 211508-1 | 4 | no | contact |
| 5211510-1 | 211510-1 | 7 | no | contact |
| 5211511-1 | 211511-1 | 8 | no | contact |
| 5212032-1 | 212032-1 | 4 | yes | none |
| 5212034-1 | 212034-1 | 8 | yes | none |
| 5212044-1 | 212044-1 | 5 | yes | none |
| 5212045-1 | 212045-1 | 6 | yes | none |
| 5212046-1 | 212046-1 | 7 | yes | none |
| 5212047-1 | 212047-1 | 8 | yes | none |
| 5212476-1 | 211450-2 | 5 | no | contact |
| 5520841-1 | 212046-1 | 7 | yes | none |
| 5520842-1 | 520842-1 | 5 | yes | none |
| 5520842-2 | 520842-2 | 5 | yes | none |
| 5520904-1 | 212044-2 | 5 | yes | none |
| 5750477-1 | 750477-1 | 5 | yes | none |
| 5786165-1 | 786165-1 | 7 | no | contact |
| 5786290-1 | 786290-1 | 6 | no | contact |
| 5786676-1 | 786676-1 | 6 | yes | none |
| 5787013-1 | 787013-1 | 8 | yes | none |
| 5788133-1 | 212046-1 | 7 | yes | none |

TESTS

APP LR 7189-495: Due to similarity to devices previously Certified in Report LR 7189-77 (Sub-reports LR 51928-7, LR 35510-6, -7, -8, -9, -12), no tests were required.

APP LR 7189-635: Since the devices remain the same and the regrind content does not affect performance, no tests were required.

Project 1966806: Since the previously Certified connectors Series 211XXX, 212XXX, 520XXX, 788XXX were Certified in Report LR 7189-77 (Sub-reports LR 51928-7, LR 35510-6, -7, -8, -9, -12) and new connectors Series 9-211XXX, 5211XXX, 5212XXX, 5520XXX, 5750XXX, 5786XXX, 5787XXX, 5788XXX are the same as the originally Certified connectors except for the Submittor's claim that they are lead free, no tests were required.