



Certificate of Compliance

Certificate: 2622900 **Master Contract:** 164196 (LR 7189-255)

Project: 70093164 **Date Issued:** 2016-09-07

Issued to: Tyco Electronics Corporation
2901 Fulling Mill Rd
Mail Stop 140-08
Middletown, Pennsylvania 17057-3163
USA
Attention: Steve Bolash

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



Michael Chung
Issued by: Michael Chung

PRODUCTS

CLASS 6233 01 - RECEPTACLES-Attachment Plug Type and Plugs

Special use "AMPMODU 50/50 Grid" connectors Series 2267288, 2267289, 2267290, 2267294, 2267295, 2267296, 2267303, 2267304, 2267305, 2267306, 2267307, 2267308, 2267318, 2267319, 2267320, 2267321, 2267322, 2267323, 2267342, 2267343, 2267344, rated 0.5A, 30V.

APPLICABLE REQUIREMENTS

CSA Std. C22.2 No. 182.3-M1987, 1st Ed - Special Use Attachment Plugs, Receptacles, and Connectors



Supplement to Certificate of Compliance

Certificate: 2622900

Master Contract: 164196 (LR 7189-255)

*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
70093164	2016-09-07	Add Series 2267288, 2267289, 2267290, 2267294, 2267295, 2267296, 2267303, 2267304, 2267305, 2267306, 2267307, 2267308, 2267318, 2267319, 2267320, 2267321, 2267322, 2267323, 2267342, 2267343, 2267344.
2622900	2013-05-16	One alternate body material.
-698	1995-12-14	Eight alternate body materials.
-474	1993-11-15	Conversion to a Part Numberless report format.
-362	1992-06-12	One alternate body material.
-255	1991-06-27	Original Certification "AMPMODU 50/50 Grid" connectors



Descriptive Report and Test Results

MASTER CONTRACT: 164196

REPORT: 2622900

PROJECT: 70093164

Edition 1: June 27, 1991; Application No LR 7189-255 - Toronto
Issued by Mike Vecchiarelli; Reviewed by D. Hay, P. Eng.

Edition 4: December 14, 1995; Application No LR 7189-698 - Toronto
Issued by Nick Sajatovich

Report Reissued

Edition 5: May 16, 2013; Project 2622900 - Toronto
Issued by Mike W. Gryschuk, C.E.T.

Report Reissued

Figures Replaced: Figs 1, 3

Figures Added: Figs 2, 4

Photos Deleted: Photos 1 to 2 (Figs 1 to 2)

Edition 6: September 7, 2016; Project 70093164 - Toronto
Issued by Michael Chung

Report Reissued

Figures Added: Figs 5 to 25

Contents: Certificate of Compliance - Pages 1 to 1
Supplement to Certificate of Compliance - Pages 1 to 1
Description and Tests - Pages 1 to 6
Figures - Figs 1 to 25 (in Documentum)

PRODUCTS

CLASS 6233 01 - RECEPTACLES - Attachment Plug Type and Plugs

Special use "AMPMODU 50/50 Grid" connectors Series 2267288, 2267289, 2267290, 2267294, 2267295, 2267296, 2267303, 2267304, 2267305, 2267306, 2267307, 2267308, 2267318, 2267319, 2267320, 2267321, 2267322, 2267323, 2267342, 2267343, 2267344, rated 0.5A, 30V.

APPLICABLE REQUIREMENTS

CSA Std. C22.2 No. 182.3-M1987, 1st Ed - Special Use Attachment Plugs, Receptacles, and Connectors

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MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

Nameplate adhesive label material approval information: CSA Certified label or CSA Certified label system

The Submitter's name ("TYCO")/tradenname ("AMP")/trademark/file ("164196" or "LR 7189") and the CSA Mark are permanently marked (Moulded, ink-stamped, labelled, etc) 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.

SPECIAL INSTRUCTIONS FOR FIELD SERVICES

1. Component descriptions marked with either the "(INT)" or "(INT*)" identifiers may be substituted with other components providing the requirements specified under the notes in the "Description" are complied with (reference only).

COMPONENT SPECIAL PICKUP

1. Component descriptions marked with the identifier "(CT)" are subject to annual pickup and Conformity Testing (reference only).

DESCRIPTION

Notes:

1. Component Substitution (reference only)
 - a) Critical components (those identified by mfr name, cat no), which are NOT identified with either "INT" or "INT*" are not eligible for substitution without evaluation and report updating
 - b) The term "INT" means a "Certified" and/or "Listed" (or a "Recognized" and/or "Accepted") component may be replaced by one "Certified" and/or "Listed" by another certification organization accredited by the appropriate accreditation body or scheme requirements to the correct standard, for the same application; providing the applicable country identifiers are included and requirements in item "d" below are complied with.
 - c) The Term "INT*" means a "Recognized" and/or "Accepted" component may be replaced by one "Recognized" and/or "Accepted" by another certification organization accredited by the appropriate accreditation body or scheme requirements to the correct standard, for the same application, providing the applicable country identifiers are included, the component is **also** CSA Certified, the requirements in item "d" below are complied with and any "conditions of suitability" for the component (as recorded in this descriptive report) are complied with.
 - d) Components which have been substituted, must be of an equivalent rating, configuration (size, orientation, mounting) and the applicable minimum creepage and clearance distances are to be maintained from live parts to bonded metal parts and secondary parts.
 - e) Substitution of a "Certified" and/or "Listed" component with a component that is "Recognized" or "Accepted" is not permitted without evaluation and report updating.

Conditions of Acceptability:

1. Supplied only to manufacturers, as components, for assembly of Certified electrical equipment, where the acceptability of the suitability of the combination in the end use is determined by CSA International.
2. Not for interrupting current.
3. The "AMPMODU 50/50 Grid" connectors may have catalogue numbers.

General: The "AMPMODU 50/50 Grid" connectors are through hole or surface mounted for board to board stacking or ribbon cable connector for cable to board connections. The contacts have a 0.050in by 0.050in pitch. They consist of vertical or right angle shrouded pin headers and receptacles ranging from 10 to 100 poles. The vertical headers differ in stack heights from 0.250 in to 0.390 in. The receptacles are the same for all devices. All connectors may be through hole or surface mount, may be vertical or right angle, may or may not have mounting ears, may have hold downs, may have a latching feature and may have polarizing feature.