

## Product Change Notice

Issue Date: 22 Feb 2013

### Change Type:

Product Specification Upgrade.

### Parts Affected:

ACPL-C61L	ACPL-C780	ACPL-C784	ACPL-C78A	ACPL-C797
ACPL-C790	ACPL-C79A	ACPL-C79B	QCPL-C79G	QCPL-C79B
QCPL-C79D				

All associated options and specials will also be affected. See Appendix for full part number list.

### Description and Extent of Change:

- Maximum Working Insulation Voltage ( $V_{IORM}$ ) will be upgraded from 1230V<sub>PEAK</sub> to 1414V<sub>PEAK</sub>, applicable to all affected parts.

Maximum Working Insulation Voltage	Symbol	Characteristic	Unit
Current Specification	$V_{IORM}$	1230	V <sub>PEAK</sub>
New Specification	$V_{IORM}$	1414	V <sub>PEAK</sub>

- Highest Allowable Overvoltage ( $V_{IOTM}$ ) will be upgraded from 6000V<sub>PEAK</sub> to 8000V<sub>PEAK</sub>, applicable to only ACPL-C784, ACPL-C78A & ACPL-C780. (The rest of the affected parts are already at 8000V<sub>PEAK</sub>  $V_{IOTM}$ .)

Highest Allowable Overvoltage	Symbol	Characteristic	Unit
Current Specification	$V_{IOTM}$	6000	V <sub>PEAK</sub>
New Specification	$V_{IOTM}$	8000	V <sub>PEAK</sub>

### Reasons for Change:

These changes allow customers to benefit from the true package performance with the upgraded  $V_{IORM}$  &  $V_{IOTM}$  for the affected parts.

### Effect of Change on Fit, Form, Function, Quality, or Reliability:

No changes have been made to the product design and manufacturing process. Appropriate electrical characterization and reliability qualification will be performed on representative products to ensure normal parametric distribution, consistent electrical performance, and reliability.

### Effective Date of Change:

Implementation of new specification testing will be effective from product datecode **1321** [YYWW].

### Qualification Data:

Regulatory approvals from DIN EN 60747-5-5 have been obtained. These changes have been reviewed and approved by Avago Technologies engineers and managers per Avago Technologies procedure.

These changes have been reviewed and approved by Avago Technologies engineers and managers per Avago Technologies' procedure: Change Control and Customer Notification, A-5962-6052-80.

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.

**Appendix:**

1. Full part number list and options.

<b>Affected Part Number</b>
ACPL-C61L-000E
ACPL-C61L-060E
ACPL-C61L-500E
ACPL-C61L-560E
ACPL-C780-000E
ACPL-C780-060E
ACPL-C780-500E
ACPL-C780-560E
ACPL-C784-000E
ACPL-C784-060E
ACPL-C784-500E
ACPL-C784-560E
ACPL-C78A-000E
ACPL-C78A-060E
ACPL-C78A-500E
ACPL-C78A-560E
ACPL-C790-000E
ACPL-C790-500E
ACPL-C790-500ME
ACPL-C797-000E
ACPL-C797-500E
ACPL-C797-500ME
ACPL-C797-50FE
ACPL-C79A-000E
ACPL-C79A-500E
ACPL-C79B-000E
ACPL-C79B-500E
QCPL-C79B-500E
QCPL-C79D-000E
QCPL-C79D-500E
QCPL-C79G-000E
QCPL-C79G-500E