

Product Change Notice

Issue Date: 26 July 2013

Change Type:

Product specification upgrade

Parts Affected:

HCPL-J312	HCPL-J312#300	HCPL-J312#500	HCPL-J312-000E
HCPL-J312-300E	HCPL-J312-500E	HCPL-J312-50RE	ACPL-J313-000E
ACPL-J313-300E	ACPL-J313-500E		

All associated options and specials will also be affected.

Description and Extent of Change:

1. Maximum Working Insulation Voltage (V_{IORM}) will be upgraded from 891V_{peak} to 1230V_{peak}.

Maximum Working Insulation Voltage	Symbol	Characteristic	Unit
Current Specification	V_{IORM}	891	V _{peak}
New Specification	V_{IORM}	1230	V _{peak}

2. Highest Allowable Overvoltage (V_{IOTM}) will be upgraded from 6000V_{peak} to 8000V_{peak}.

Highest Allowable Overvoltage	Symbol	Characteristic	Unit
Current Specification	V_{IOTM}	6000	V _{peak}
New Specification	V_{IOTM}	8000	V _{peak}

Reasons for Change:

These parts are tested to higher insulation voltages to reflect package capability and allow customers to benefit from the upgraded V_{IORM} and V_{IOTM} .

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 the change will be effective from product date code 1343 (yyww).

Qualification Data:

Regulatory approval from DIN EN 60747-5-5 has been obtained.

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.