

April 22, 2021

## Product Change Notification

**PCN #:** AM20210422-5

**Issue Date:** April 22, 2021

**Products series affected:** AM15E-Z series

**Product list:** All the models in AM15E-Z series.

**Effective Date:** All specified products noted, and shipping from Aimtec factories as of issue date of this PCN.

**Description of change:** All the models in AM15E-Z series can now meet EN55024 conducted emission with the recommended EMC circuit. All models in AM15E-Z series have their specifications changed as in Table 1 and the derating performance modified as shown in Annex 1.

Spec	From	To
Absolute Maximum Rating	12Vin models, 24V max. 24Vin models, 40V max. 48Vin models, 80V max.	12Vin models, 25V max. 24Vin models, 50V max. 48Vin models, 100V max.
Over current protection	120% of Iout typ.	140% of Iout typ.
Load voltage regulation	Single, 10-100% load, $\pm 0.5\%$ typ. Dual, 10-100% load, $\pm 1\%$ typ.	Single, 0-100% load, $\pm 0.5\%$ max. Dual, 0-100% load, $\pm 1\%$ max.
Ripple & Noise	24Vout models, 150mVp-p typ. other models, 100mVp-p typ.	100mVp-p max. with a 1uF ceramic capacitor
Start-up time	10ms typ.	20ms typ.

Table 1.

**Reason for change:** These changes are due to obsolescence of some raw materials used in manufacturing the AM15E-Z series.

**Customer Impact:** Certain customers may be impacted by the changes in the specification. Aimtec recommends reviewing the AM15E-Z datasheet and testing the parts if necessary.

**Package Diagram:** N/A

## Annex 1

