

### **AC rated Safety Capacitors are Changing**

At present MLCC AC rated safety capacitors are tested and certified to IEC60384-14: 3<sup>rd</sup> edition. Generally TUV are used to certify to IEC60384-14/IEC60950 and UL for UL1414/UL60950. There are four classes of Y (Line to Ground or Line by pass) capacitors from Y1 to Y4 and two classes of X (Line to Line or Across the Line) capacitors which are X1 and X2. From the 10<sup>th</sup> July 2016 the 4<sup>th</sup> edition of IEC60384-14 comes into force. This new edition no longer includes the Y3 classification.

Most manufacturers of MLCC AC rated safety capacitors offer parts with a dual rating of Y3/X2, from the 10<sup>th</sup> July 2016 these parts can no longer be certified and sold under the new 4<sup>th</sup> edition. Customers currently using these dual rated parts must either change to a Y2 rated part if the application is Line to Ground or Line by pass or use parts rated to only X2 if Line to Line or Across the Line is required.

In readiness for these changes, Holy Stone Enterprise Co. Ltd can offer a fully TUV certified range of Y2/X1 capacitors. In addition Holy Stone are able to offer the current Y3/X2 range with a new certified classification of X2 under IEC60384-14: 4<sup>th</sup> edition.

For further details of these new certified safety capacitor ranges please contact your local Holy Stone sales office or Holy Stone distributor.