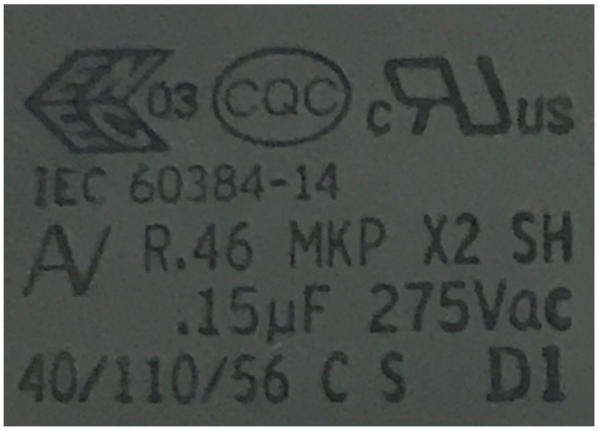
Reference: QOD-510

Product/Process Change Notification
<Laser marking in Film & Paper production>

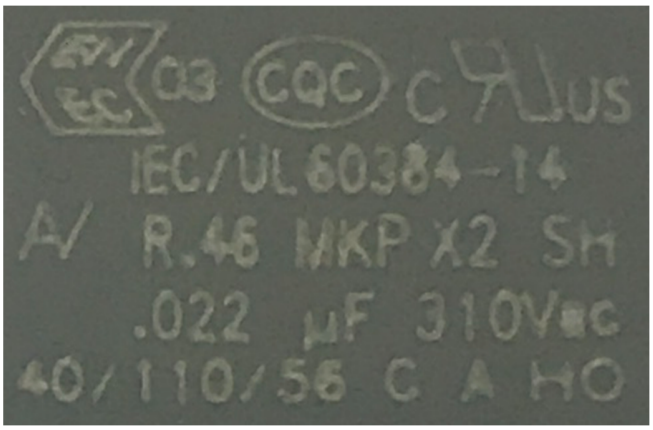
Date, ID Number	**17 February 2017** **ID Number (YYMMDD):** PCN-170217-GM v0
Affected Products	See list of the series.
Change	KEMET is working for improving the marking phase in order to enhance marking reliability during the update/general maintenance of the marking tools. This is achieved without impact to product form, fit or function as the products are equivalent with respect to physical, mechanical, quality and reliability characteristics. Current marking (inkjet and offset) and new laser marking process can be used for top and lateral side without any change in the marking layout and information (see example below). Laser marking has already been used for some series for a long time without any issue in terms of marking readability and reliability.
Justification and Benefits	Increase production capacity flexibility and focus on the best practices upgrading the marking tools using state of the art technology
Effective Date and Identification	Starting from May 2017 KEMET will start to use laser marking and to delivery the product with this upgraded marking tool. No specific identification on the label because the product will not change
To Obtain Samples or General Information Contact	Americas: Mrs. Laura LaBissoniere – Product Manager, LauraLabissoniere@kemet.com APAC: Mr Tony Yu – Product Manager, tonyyu@kemet.com Europe: Mr. Gianpietro Malagoli – Technical Product Manager, GianpietroMalagoli@kemet.com

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Entire Contents not to be shared without express written consent of KEMET Electronics Corporation.

Current Inkjet/Offset Marking example



NEW Laser Marking example



P.O. Box 5928, Greenville, South Carolina 29606 U.S.A.
Tel: 864.963.6300 Fax: 864.963.6521

List of the series:

Series	Marking added
A50	No
R82	Yes
RSB	Yes
R66	Yes
R60	Yes
A70	No
A72	No
R71	Yes
R73	Yes
R74	Yes
R74 125°C	Yes
R75	Yes
R76	Yes
R77	Yes
R79	Yes
R46 310	Yes
R46 275	Yes
R46 275 Mini	Yes
R46 125°C	Yes
R47 X2 440	Yes
R47 X2 520	Yes
R47 X1 440	Yes
R49 310	Yes
R49 330	Yes
R41	Yes
F43	Yes
R752-L	Yes
F5A	Yes
F5B	Yes
F5D	Yes
F611-612	Yes
F622	Yes
F461-464	Yes
F861	Yes
F862	Yes
F863	Yes
F871	Yes
F872	Yes
F873	Yes
F881	Yes

Series	Marking added
LDE	No
LDB	No
MMK/F601-2	Yes
SMR/F211	Yes
PME261/P561	No
PHE426/F426	Yes
PHE429/F429	Yes
PHE448/F448	Yes
PHE450/F450	Yes
PFR/F411	Yes
PHE820E/F720	Yes
PHE820M/F720	Yes
PHE840E/F839-40	Yes
PHE840M/F839-40	Yes
PHE841/F841	Yes
PHE844/F844	Yes
PHE845/F845	Yes
PHE846/F846	Yes
PHE850/F850	Yes
PME264/P264	No
PME271E/P277	No
PME271M/P276	No
PME271Y/P271	No
PME271YA/P272	No
PME278/P278	No
P278	No
PME295/P295	No
P295	No
PMR205/P405	No
PMR209/P409	No
P409	No
PMR210/P410	No
P410	No
PHZ9004/9004	Yes
PMZ2035/P435	Yes
PZB300/P300	Yes

Series	Marking added
C4AS	Yes
C4AT	Yes
C4AE	Yes
C4BS	Yes
C4BT	Yes
C4C	No
C4H	No
C4DC	No
C4DR	No
C4DE	No
C44A	No
C44B	No
C44H	No
C44E	No
C44P/C20A	No
C44U	No
C9T	No
C93	No
C27	No
C87	No

Note: The SMD encapsulated series: MDC/F153-8, MDK/F683-8, MDS/F173-5, F161, GMC/F115, GPC/F117, SMC/F125, SPC/F127, MMC/F160 and SMP253/P101 are already marked with laser or Inkjet system.

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