

Reference: QOD-510

Product/Process Change Notification

Laser marking in Film & Paper production

Date: 25-June-2021	ID Number (MMDDYY): PCN-210622-KB_Laser_marking Note: This document replaces the previous one: PCN-190807-KB
Affected Products	Please see below list of the series
Change	KEMET plan to extend the laser marking option to all pitches of above series The both marking (inkjet and offset) and laser marking will be used in parallel. The laser marking will be flexible option. Current marking (inkjet and offset) and new laser marking process can be used for top and lateral side without any change in the information contained in the marking (see example below). Slight change in the layout can be possible but this does not affect the content of the information of the current marking. Laser marking has already been used for several series during latest years without any issue in terms of marking readability and reliability. This change will be achieved without impact to product form, fit or function, as the products are equivalent with respect to physical, mechanical, quality and reliability characteristics.
Justification and Benefits	Increase of the production flexibility. Focus on the best practices in upgrading the marking tools and in using the latest state of the technology
Effective Date and Identification	Starting date for order confirmation: July 20th 2021 Intended date for initial deliveries July 20th 2021 Without acknowledgement of this notification by July 19th, 2021 KEMET will proceed to implement the change as described herein. No specific identification will be stated on the label because no changes will be operated on the product with the exception of marking art.

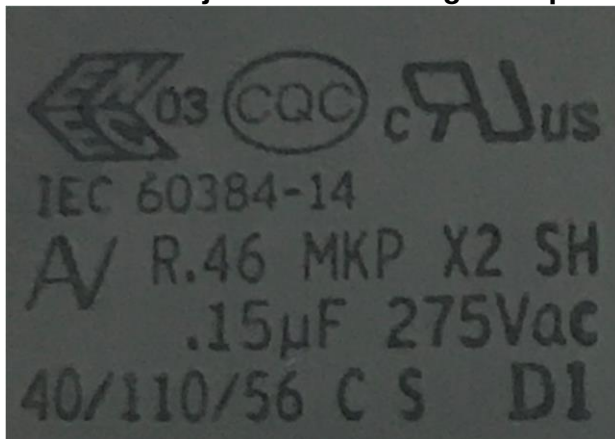
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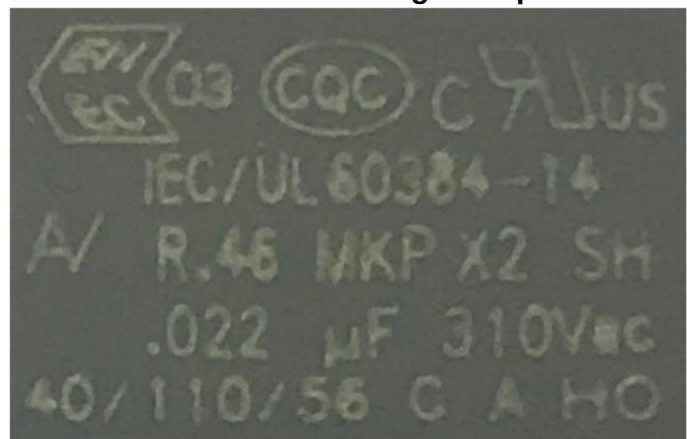
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Current Inkjet/Offset Marking example



NEW Laser Marking example



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List of the series:

Series			
A50	F5D	PHE840/F839-40	R49 330
A70	F611 - 612	PHE841/F841	R60
A72	F622	PHE844/F844	R63
C24	F861	PHE845/F845	R66
C4AE	F862	PHE846/F846	RSB
C4AF	F863	PHE850/F850	RM2
C4AQ	F871	PHZ	R71
C4AS	F872	PMZ	R73
C4AT	F873	PZB	R74
C4BH	F881	R41	R74 125°C
C4BS	MMK/F601-2	R46 275	R75
C4BT	SMR/F211	R46 275 Mini	R752-L
C4C	PHE426/F426	R46 310	R76
C4G	PHE429/F429	R46 125°C	R77
F43	PHE448/F448	R47 X2 440	R79
F461 - 464	PHE450/F450	R47 X2 520	R82
F5A	PFR/F411	R47 X1 440	PME295/P295
F5B	PHE820/F720	R49 310	

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.