

Reference: QOD-510

Product/Process Change Notification <Raw material change of PZT>

Date:	ID Number (MMDDYY):PCN-020819-MXK
Affected Products	Piezo actuator, Piezo material (Refer to Table 1 for Product line and Part number)
Change	Raw material Zirconium oxide (ZrO2) and Nickel oxide (NiO) will be changed. It is effective for our N6, N10, N17 and N21 Piezo material code name. In case of N6 and N21, the change is Zirconium oxide. In case of N10 and N17 material, the change is Zirconium oxide and Nickel oxide.
Justification and Benefits	In case of Zirconium oxide, it is supplier's manufacturing location and process change. In case of Nickel oxide, it is supplier change.
Effective Date and Identification	In case of N6 and N21 material, our factory is going to change Zirconium oxide from October 2019. In case of N10 our factory will change Zirconium oxide from April 2020 and will change Nickel oxide from April 2021. In case of N17 our factory will change Zirconium oxide and Nickel oxide from October 2021.
For General Information Contact	<Masataka Konno> <Director, Central planning and promotion G, MSABG> ph:+81-3-3515-9260 E-mail: masatakakonno@kemet.com

KEMET Electronics Corporation Business Confidential:

This notification is Business Confidential and should not be reproduced, copied or given to a third party without the express written permission of KEMET Electronics Corporation.



R11-244018-01
AER13.6X10X8DF
AER13.6X10X13.5DF
AER13.6X10X13.5D-01F
AER20X15.4X5DF
AER20X15.4X13.5DF
AER20X15.4X13.5F
AE035035D08H09DF
AE035035D08H09F
AE035035D18H18DF
AE035035D18H18F
AE3.5X3.5X30F
AE0203D04DF
AE0203D04F
AE0203D04-L200F
AE0203D08DF
AE0203D08-L1F
AE0203D08H09DF
AE0203D08H09F
AE0203D08F
AE0203D16DF
AE0203D18H18DF
AE0203D44H40DF
AE0205D08DF
AE0303D08H09DF
AE033035D11H12DF-AT
AE0505D01H03DF
AE0505D04DF
AE0505D04F
AE0505D08DF
AE0505D08F
AE0505D08H09DF
AE0505D08H09D-04F
AE0505D08H09F
AE0505D16DF
AE0505D16F
AE0505D18H18DF
AE0505D18H18-L110F
AE0505D18H18-01F
AE0505D18H18D-01F
AE0505D18H18F
AE0505D39H36DF
AE0505D44H40DF
AE0707D08DF
AE0707D08H09DF
AE0707D16DF
AE0707D18H18DF
AE0707D18H18D-01F
AE0707D44H40DF
AE1010D08H09DF
AE1010D08H09F
AE1010D16DF
AE1010D16F
AE1010D18H18DF
AE1010D18H18F
AE1010D27H27DF

AE1010D27H27F
AE1010D44H40DF
AE1414D16DF
AE1414D16F
AE1414D18H18DF
AE0203D16F
AE2525D15DF
AHB101C302WD1-A0LF
AHB101C362WD1-A0LF
AHB101C801FD0LF
AHB101C801ND0LF
AHB101C801WD1-A0LF
AHB151C362WD1-A0LF
AHB201C362WD1-A0LF
AHB550C172WD1-A0LF
AHB550C302WD1-A0LF
AHB550C801FD0LF
AHB550C801ND0LF
AHB550C801WD1-K0LF
AHB550C801WD1-A0LF
AHB550C801WD1-A9LF
AHB700C302WD1-A0LF
AHB700C801FD0LF
AHB700C801ND0LF
AHB700C801WD1-K0LF
AHB700C801WD1-A0LF
AHB800C801FD0LF
AHB800C801ND0LF
AHB800C801NP0LF
AHB800C801WD1-A0LF
AHB800C801WD1-A9LF
AL5X5X9DF
AL5X5X10DF
AL5X5X20DF
AL0505D37H40DF
AL0707D16DF
AL10X10X20DF
AL14X14X20DF
PAMA05D-1F
AE1414D18H18F
ASB170C201WP1-A0LF
ASB170C801FD0LF
ASB170C801ND0LF
ASB170C801WD1-A0LF
ASB340C801FD0LF
ASB340C801ND0LF
ASB400C302WD1-A0LF
ASB510C801FD0LF
ASB510C801ND0LF
ASB680C801FD0LF
ASB680C801ND0LF
ASB680C801NP0LF
ASB800C302WD1-A0LF
ASL170C801FD0LF
ASL170C801ND0LF
ASL170C801WD1-A0LF
ASL340C801FD0LF

ASL340C801ND0LF
ASL340C801WD1-A0LF
ASL510C801FD0LF
ASL510C801ND0LF
ASL510C801WD1-A0LF
ASL680C801FD0LF
ASL680C801ND0LF
ASL680C801WD1-A0LF
NBL15602S
NBL20602S
NBL45252H-A3
NBL45282H-A3
NBL45402H-A
ND25.4X82/200KHZ
ND10.2X200KHZ
ND15X125KHZ N21
NGM100-200-25L
NGM-100-200-40L
NR24X200/462KHZ
NS114.3X462/810KHZ
NS204X1.5X480KHZ
NS60X455/800KHZ
NS68X455/800KHZ
NS23X5.6X240KHZ
NS76.2 SUBASSEMBLY-C
NS85X2.6X600KHZ
NS114.3 SUBASSEMBLY-C
NS114.3 SUBASSEMBLY
NS152.4 SUBASSEMBLY
NS170X2.6X600KHZ
NS56.769*462/810KHZ
NS76.2X462/810KHZ
NS55X55X0.81+/-0.05MM NI10
NS50X0.5X15T-C2 (N10)
NS50X0.5X15T-C2 (N17)
NS15X4.5X180KHZ
NS50X0,5X15
NS2X1.4X6
TGM50-200-10L
TGM50-200-20L
TGM50-200-25L
TGM50-200-40L
TGM60-50-10L
TGM60-50-20L
TGM60-50-25L
TGM60-50-40L
TGM80-200-20L
TGM100-200-20L