

Reference QOD-510

Product/Process Change Notification <Packing change of Piezo Actuator >

Date:	ID Number (MMDDYY):PCN-082319-MXK
Affected Products	Multilayer Piezo Actuator for Resin coated type
Change	Existing; Decompressed PE (Polyethylene) packing plus silica gel. New; Vacuumed Aluminum deposited PE package.
Justification and Benefits	The existing package is not humidity protected. New package is humidity protected.
Effective Date and Identification	February 2020 production.
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.

1. Inner Packaging specification comparison

		Current	New
	Products	Resin coated type multilayer piezoelectric actuator	
Inner package	Packing Material	PE	PE + Aluminum deposition
	Appearance	transparency	semitransparency
	Type of Package Size	3 types for small size, medium size and large size depends on products Size	3 types for small size, medium size and large size depends on products Size
	Partition	Part in the longitudinal direction	Entire longitudinal direction
	Input number	See next pages	See next pages
	Silica gel	1 piece/package	1 piece/partition
	Label	One piece of plain paper is included in the packing bag	Attach one seal for each partition on the surface of the packing bag
	Label print contents	P/N, lot No., quantity	
Cushion	Shock absorber	No change	
Outer Box	Packing outer box	No change	

2. New Inner Packaging Material Appearance



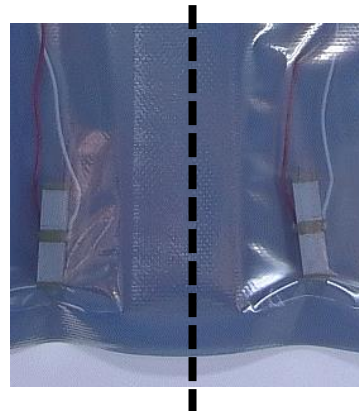
For Product Cross section
MAX 5x5mm²



For Product Cross section
MAX 10x10mm²


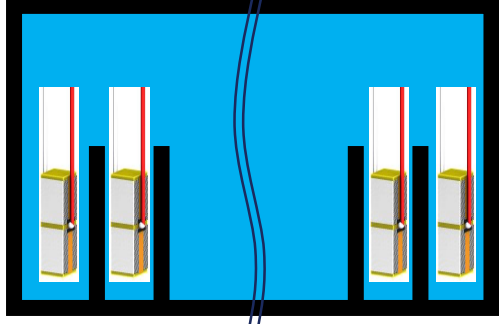
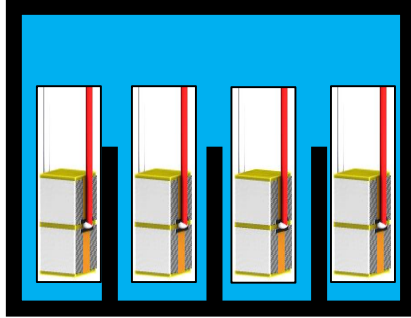
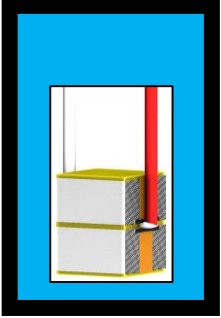

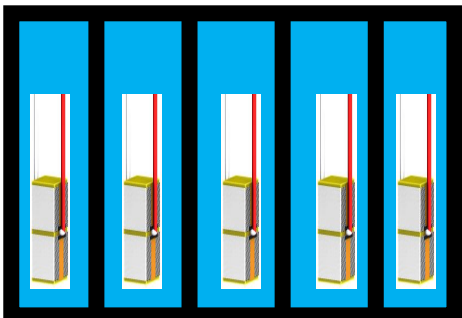
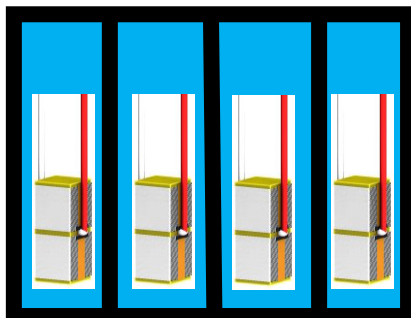
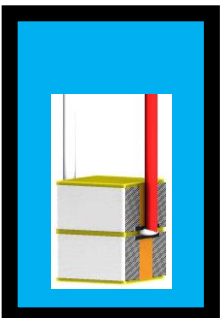


For Product Cross section
Over 11x11mm² and Ring shape




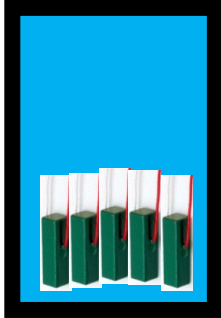
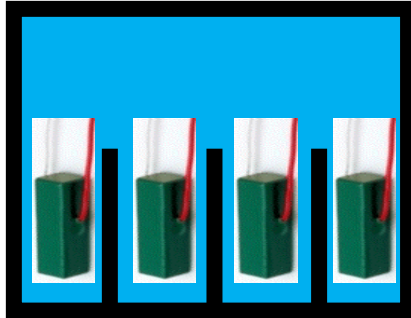
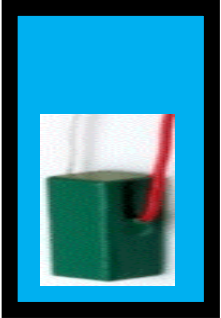

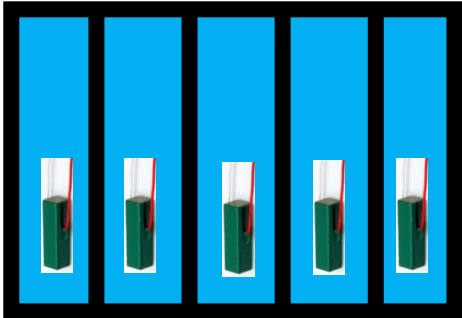
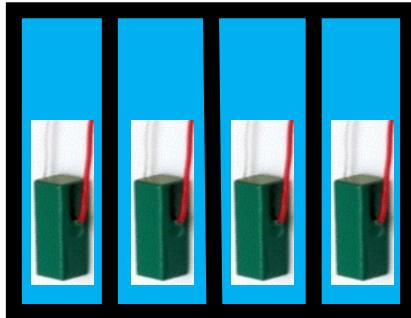
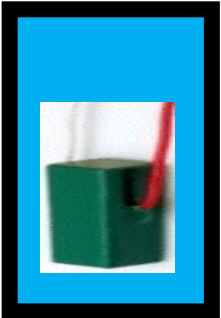
It is Sub-dividable without losing vacuum leakage
when cutting on Partition

Case1. Thin Resin coating type / Products Size and Inner Packaging Qty.

	Appearance/ Material	Product Size Composition		
		Group 1	Group 2	Group 3
		Product Cross section Max 5x5mm ²	Product Cross section Max 10x10mm ²	Product Cross section Over11x11mm ² and Ring shape
Current type	 PE (transparency)	 10 pieces/package	 4 pieces/package	 1 piece/package
New type	 PE+ Aluminum deposition (semitransparency)	 5 pieces/package	 4 pieces/package	 1 piece/package

Note) New type can be dividable by sealing part cut, keeping air tightness.

Case2. Thick Resin coating type / Products Size and Inner Packaging Qty.

	Appearance/ Material	Product Size Composition		
		Group 1	Group 2	Group 3
		Product Cross section Max 5x5mm ²	Product Cross section Max 10x10mm ²	Product Cross section Over11x11mm ² and Ring shape
Current type	 PE (transparency)	 Max 20 pieces/package (No Partition)	 4 pieces/package	 1 piece/package
New type	 PE+ Aluminum deposition (semitransparency)	 5 pieces/package	 4 pieces/package	 1 piece/package

Note) New type can be dividable by sealing part cut, keeping air tightness.

Case1. Part number & Products Size and Inner Packaging Qty.

	Product Size Composition			
	Group 1		Group 2	Group 3
	Cross section Max 5x5mm ²		Cross section Max 10x10mm ²	Cross section Over 11x11mm ²
Part Number	UPAE0M3M308090 UPAE0M3M31818D UPAE0M3M318180 UPAE0M3M330300 UPAE002030400D UPAE0020304000 UPAE002030405M UPAE002030800D UPAE002030800T UPAE002030809D UPAE0020308090 UPAE0020308100 UPAE002031600D UPAE002031818D UPAE002034440D UPAE002050810D UPAE003030809D UPAE003031211D UPAE005050103D	UPAE005050405D UPAE005050405H UPAE0050504050 UPAE005050800D UPAE0050508000 UPAE005050809D UPAE005050809H UPAE0050508090 UPAE005051600D UPAE0050516200 UPAE005051818C UPAE005051818D UPAE005051818L UPAE005051818V UPAE005051818W UPAE0050518180 UPAE005053936D UPAE005054440D	UPAE007070809D UPAE007071600D UPAE007071818D UPAE007071818W UPAE007074440D UPAE010100809D UPAE0101008090 UPAE010101600D UPAE0101016000 UPAE010101818D UPAE0101018180 UPAE010102727D UPAE0101027270 UPAE010104440D UPAL007071620D UPAL010101720D	UPAER13610008D UPAER13610010D UPAER13610135D UPAER13610135W UPAER20154005D UPAER20154135D UPAER201541350 UPAE014141600D UPAE0141416000 UPAE014141818D UPAL014141720D UPAR0141416200
Current Package Qty / Inner package	10 pieces/package (Thin coating) 20 pieces/package (Thick coating)		4 pieces/package	1 piece/package
New package Qty / Inner package	5 pieces/package		4 pieces/package	1 piece/package