



## AL-SMD Type New Products Information

Available upon request!

Target: *ACHM in a engine room*

SMD type Aluminum Electrolytic Capacitor

### Anti-Vibration and Co-Planerity type Product

#### \*Excellent Anti-Vibration Performance

This product withstands **30G** condition

#### \*Co-Planerity

Actually produced **0.1mmMAX**

#### \*Highly strong against Drop-Shock

No significant change when dropped from a **Height of 1.2m**

#### \*High Reliability and Low ESR at Low Temp.

Bodies are based on the high grade series "*ACHM(105degC)*" and "*ACP(125degC)*"

#### \*Wide Size Range

*Dia. 8x6.5, Dia. 8x10.5, Dia. 10x10.5, Dia. 10x13.8,*

*Dia. 12.5x13.8, Dia. 16x16.8, Dia. 18x16.8, Dia. 18x21.8*



## AL-SMD Type New Products

### Anti-Vibration Type Products

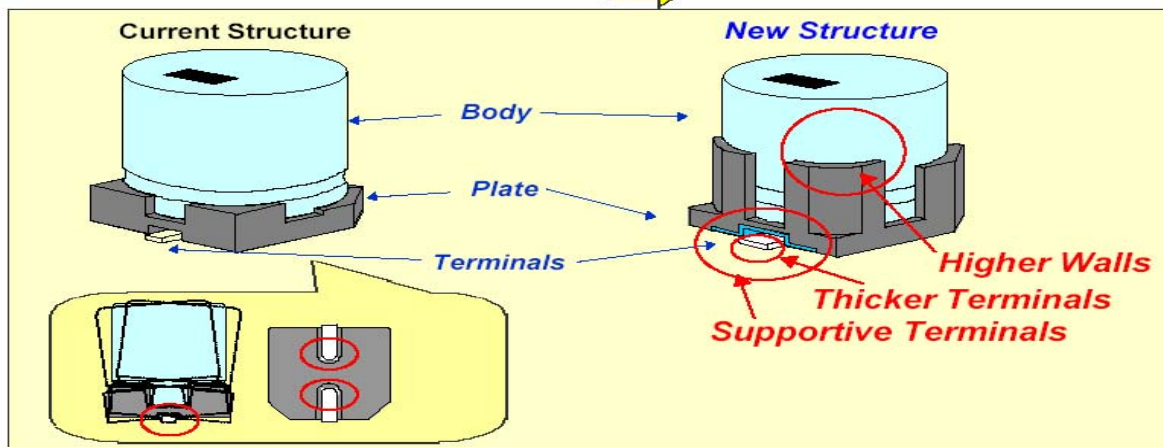
#### Features

#### \*Excellent Vibration Resistance

Current Structure **More than Double** **Anti-Vibration Type**

#### \*Co-Planarity

Current Construction (4 terminal type: 0.3mmMAX) **-50%** **Anti-Vibration Type** (0.15mmMAX)





## AL-SMD Type New Product Under Development

### Anti-Vibration Characteristic

This product withstands **30G** condition!

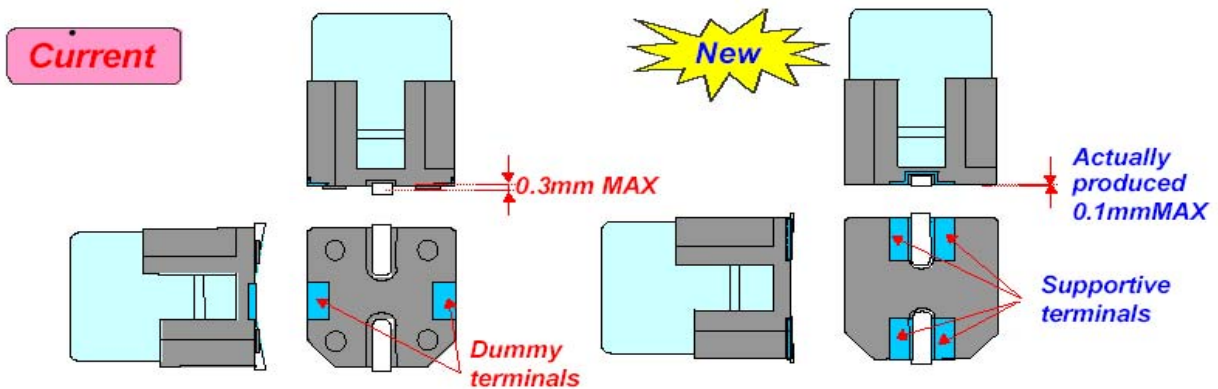
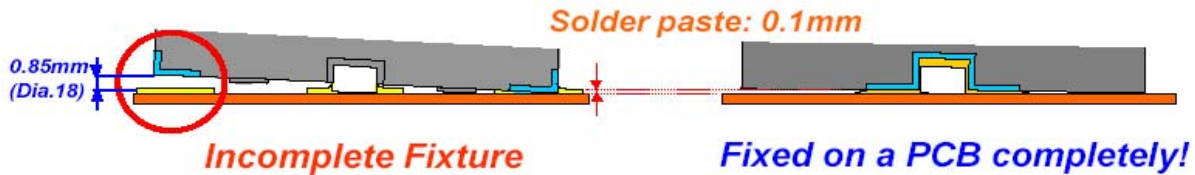
#### (Test Condition)

- \*Acceleration: 30G (294m/s<sup>2</sup>)
- \*Frequency : 5 to 2000Hz
- \*Amplitude : 5mmMAX(Peak to Peak)
- \*Duration : 16min./1cycle  
2hrs each of 3 axis (x, y and z)



## AL-SMD Type New Product Under Development

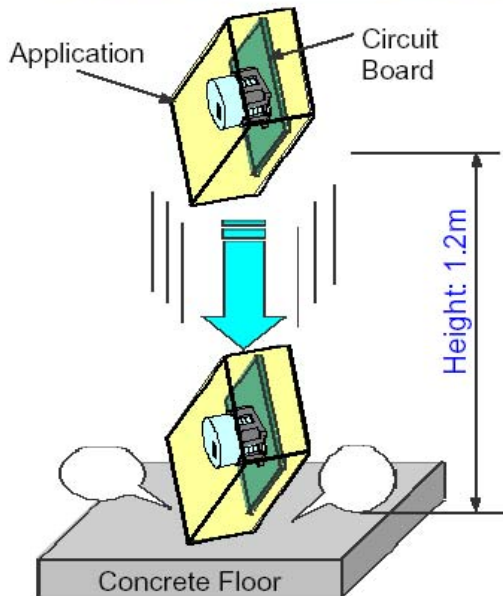
### Co-Planerity Characteristic





## AL-SMD Type New Product Under Development

### Anti-Drop-Shock Characteristic



**This product is strong  
against *Instantaneous shock!***

(Test Sample)

\*Size: Dia. 18x21.8L

\*Solder paste: Thickness 100um

\*Land Pattern: JARO recommended one

(Test Condition)

\*Drop on a concrete floor from the height of 1.2m.

\*3 directions(x, y and z)

