

## The supplement material of CVD507-K-A9

February 1<sup>st</sup>, 2019

Dear Valued Customers,

This is the supplement material of the operation manual of Stepping Motor Driver CVD507-K-A9 made by Oriental motor.

Please read this material after confirming the operation manual, HM-60127-\*\*, of CVD driver made by Oriental motor.

Thank you for purchasing our stepping motor driver CVD507-K-A9.

This basic specification is as same as CVD507-K made by Oriental motor.

Only the smooth drive function, a partial specification is changed according to our motorized stages.

### <Smooth drive function (DIPSW No.2)>

Model	ON(factory settings)	OFF
Oriental motor standard product	This is valid in all speed ranges.	This function is invalid.
Customized product for SURUGA	On acceleration, this is valid 550pps or more. On deceleration, this is invalid 500pps or less.	

The above specification is in order to improve the lost motion however the vibration on acceleration / deceleration is slightly bigger due to customize this specification.

Also, the vibration is relatively bigger when you always use it in low speed (549pps or less) because smooth drive function does not switch to ON.

There is effective of the vibration reduction when switching the below command filter function ON (Smooth drive function: ON).

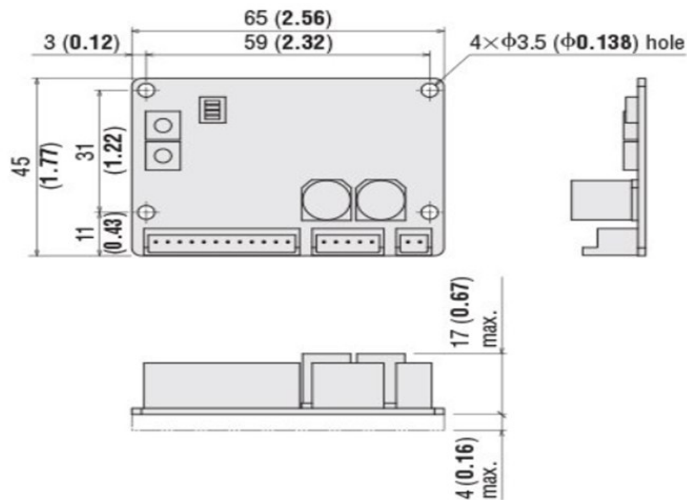
### <Command filter function (DIPSW No.5) >

Model	OFF(factory settings)	ON
Oriental motor standard product	This function is invalid	This function is valid
Customized product for SURUGA		

If you have any questions, please feel free to contact us.

### ■Addition : external dimension [Unit: mm(in.)]

TYPE A: without mounting plate made by Oriental motor



Yours sincerely,  
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