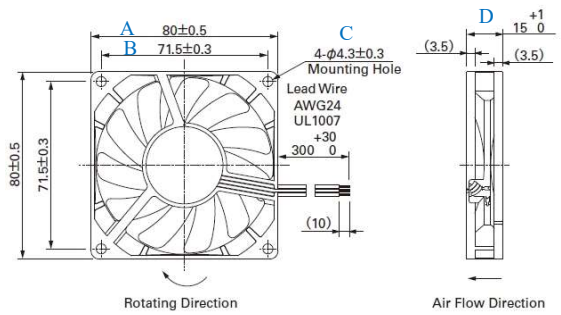
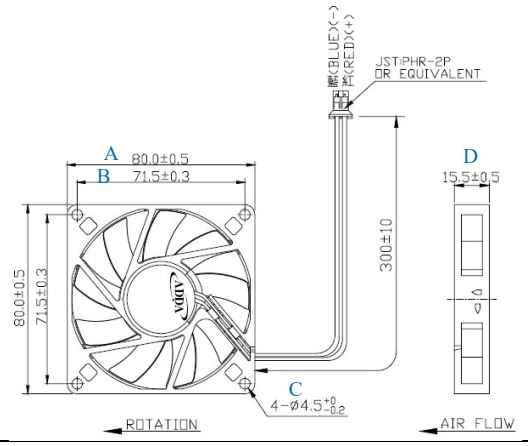
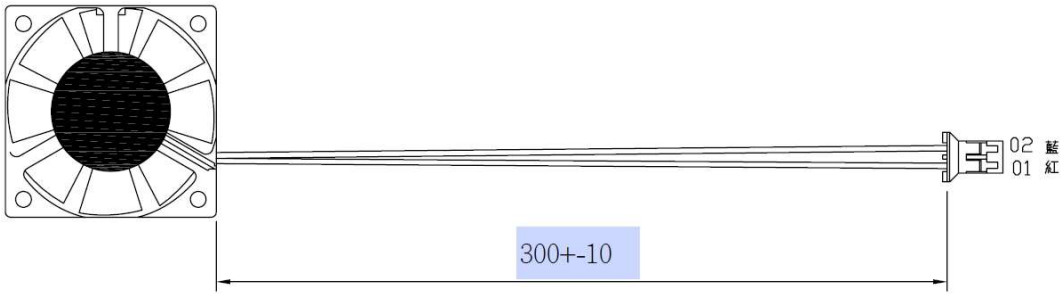
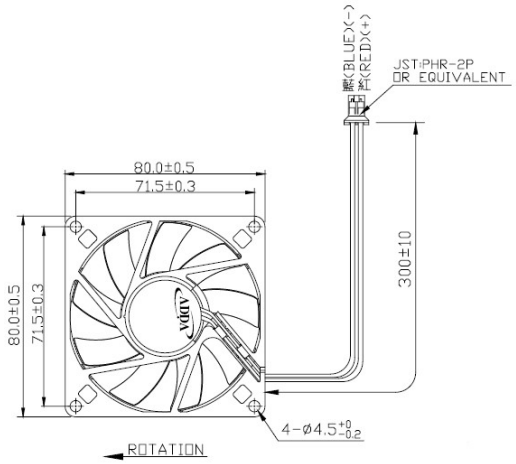
Comparison Report

1. Package Dimension

Item	(Old) 109P0812M702,SANYO DENKI DIVA: 3ZFAN000130	(New) AD0812LB-D91GP(N75), ADDA DIVA: 3ZFAN000450
A	80 ± 0.5 mm	80 ± 0.5 mm
B	71.5 ± 0.3 mm	71.5 ± 0.3 mm
C	ϕ 4.3 ± 0.3 mm	ϕ 4.5 $\pm^{0}_{0.2}$ mm
D	15 + 1 mm	15.5 ± 0.5 mm
Remark		

Comparison Report

Item	Drawing	
Terminal	ECI 2012-P	JST PHR-2P
Housing	ECI 2020-02	N/A
Wire	AWG 24, UL1007, 300 ± 10mm	AWG 24, UL1007, 300 ± 10mm
(Old) DIVA: 3ZFAN000130		
(New) DIVA: 3ZFAN000450		

DIVA Labs.

Comparison Report

2. Electrical

Parameter	Limits	
	(Old) 3ZFAN000130	(New) 3ZFAN000450
RATED VOLTAGE	12V	12V
OPERATING VOLTAGE RANGE	7V-13.8V	7V-13.8V
RATED CURRENT	0.09A	0.09A
RATED POWER	1.08W	1.08W
RATED SPEED	2000RPM	2000RPM
Operating Temperature	-10 ~ +70°C	-10 ~ +70°C

3. Test

	(Old) 3ZFAN000130	(New 1) 3ZFAN000450	(New 2) 3ZFAN000450	(New 3) 3ZFAN000450
SPEED	2048 RPM	2083 RPM	2074 RPM	2056 RPM

4. Picture

Old	New
	

5. Conclusion

This component change has been evaluated by DIVA; the initial successor evaluation showed the new successor is compatible with former model. None of the other components and program will be needed to recalibrate or implement. The ECN will be provided if you approve.