



SEOUL SEMICONDUCTOR

Replacement for SMJD-3V16W4PD-XX

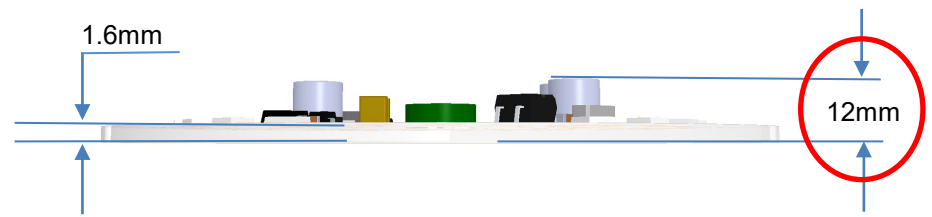
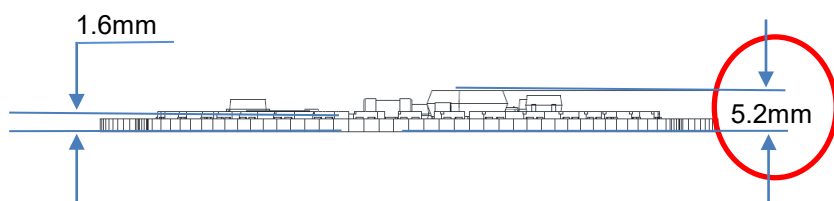
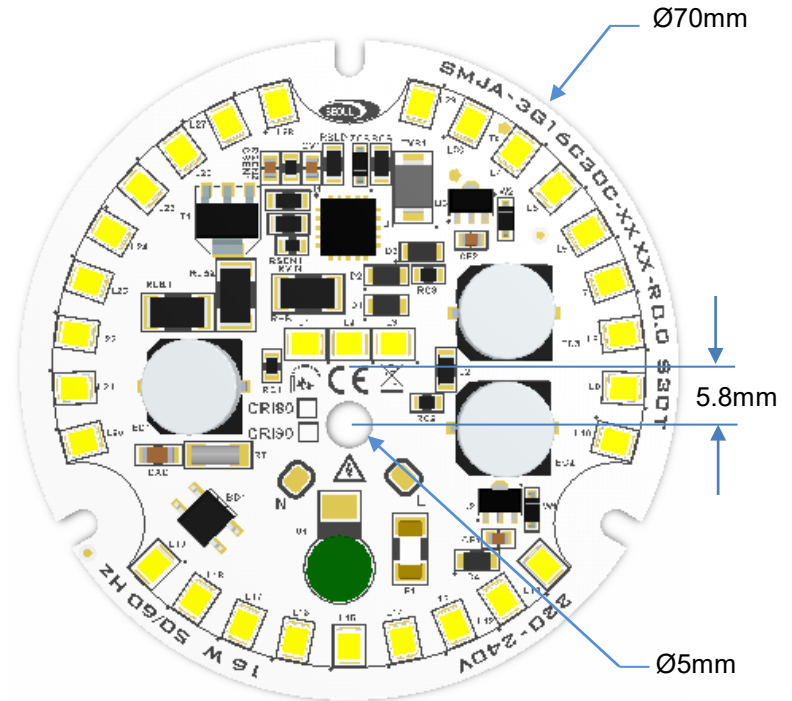
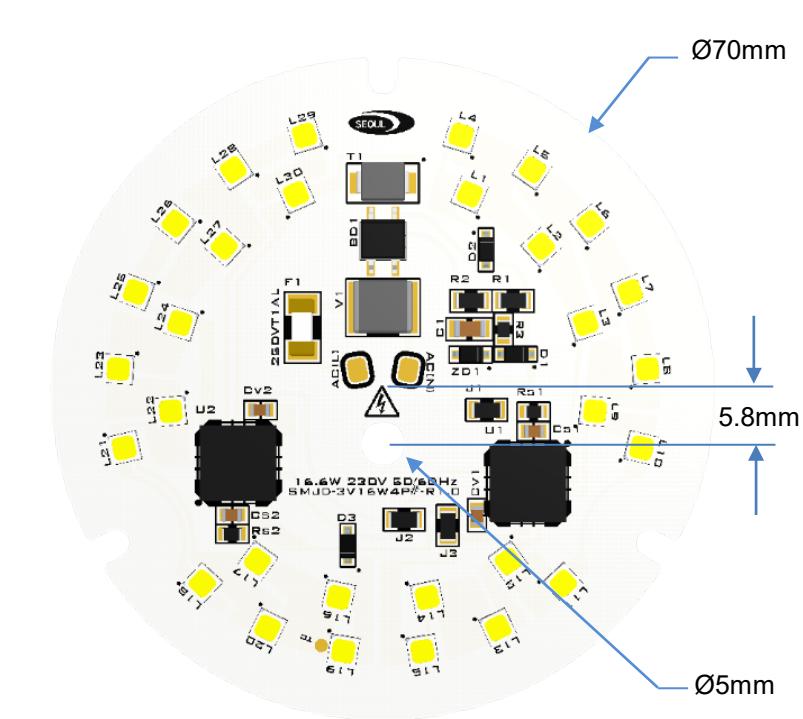
**Seoul Semiconductor
L. CN MD Development 2.**

2021.06.29

1. Appearance and Dimension (Old vs New)

As is
SMJD-3V16W4PD-XX

To be
SMJA-3G16C30C-XX02



2. Optical value and Function (Old vs New)

Index	Unit	SMJD-3V16W4PD-XX	SMJA-3G16C30C-XX02	Remark
IC Tyep	-	Acrich3.0	WD15-S30T	
IC	EA	2	1	
Circuit topology	-	4step	3step	
Input Voltage	Vrms	230VAC	230VAC	typical
Power	W	16.6	16.6	typical
PF	-	>0.9	>0.9	
THD	%	<20%	<20%	
CRI	-	>80	>80	
Flux	lm	1470	1700	typical
PLW	Lm/w	89	106	typical
Color Range	-	4 step	4 step	
Dimming	-	TRAIC	TRAIC	10~100%
Flicker	%	100	<28	Title 24
SVM	-	>3	<0.4	
CCT	K	2700	2700	
LED type	-	SAW8C72A	SAW8A32E-E2(H)	
LED Q'ty	EA	30	30	
PCB size	mm	Ø70mm	Ø70mm	Round

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