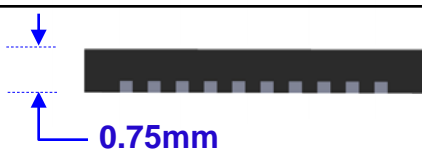
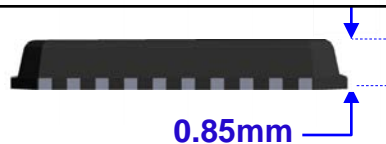


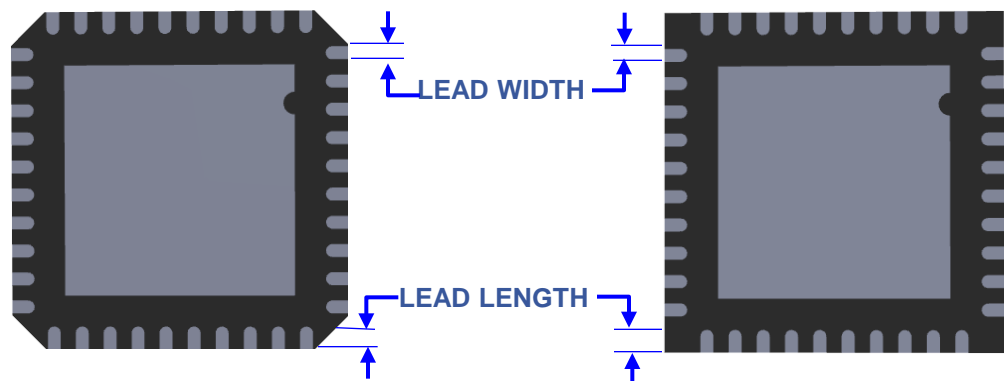
# Package Dimensions

## PUNCH

## SAWN



**Package Thickness Difference**



**Exposed Pad, Lead Length and Lead Width dimensions remains within tolerance.**

Body Size (mm)	Lead Count	Punch Type LFCSP				Sawn Type LFCSP			
		POD Spec	E-Pad Size (mm SQ.)	Lead Length (mm)	Lead Width (mm)	POD Spec	E-Pad Size (mm SQ.)	Lead Length (mm)	Lead Width (mm)
8 x 8	56	CP 56-1	6.1 ± 0.15	0.40 ±0.10	0.23 <sup>+0.07</sup> <sub>-0.05</sub>	CP 56-11	6.1 ± 0.15	0.40 ±0.10	0.23 <sup>+0.07</sup> <sub>-0.05</sub>
9 x 9	64	CP 64-3	7.1 ± 0.15	0.40 ±0.10	0.23 <sup>+0.07</sup> <sub>-0.05</sub>	CP 64-12	7.1 ±0.15	0.40 ±0.10	0.23 <sup>+0.07</sup> <sub>-0.05</sub>

## Qualification Results Summary for 9x9mm and 8x8mm Sawn LFCSP at Amkor Philippines

<b>QUALIFICATION RESULTS</b>			
<b>TEST</b>	<b>SPECIFICATION</b>	<b>SAMPLE SIZE</b>	<b>RESULTS</b>
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	3 x 45	PASS
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	3 x 45	PASS
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	3 x 45	PASS
High Temperature Storage Life Test (HTSL)	JEDEC <i>JESD22-A103</i>	1 x 45	PASS
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	3 x 11	PASS
Electrostatic Discharge <i>Field Induced Charge Device Model</i>	JEDEC <i>JESD22-C101</i>	3/voltage	PASS ±750V

\*Preconditioned per JEDEC/IPC J-STD-020

## BILL OF MATERIALS

Generic	Material List	Wire Size	MOLD COMPOUND	DIE ATTACH EPOXY	
				FROM	TO
AD7294	AD7294BCPZ AD7294BCPZRL	1.0 mil	SUMITOMO G700	ABLESTILK 8290	ABLESTIK 3230
AD9861	AD9861BCPZ-50 AD9861BCPZ-80 AD9861BCPZRL-50 AD9861BCPZRL-80				
AD9863	AD9863BCPZ-50 AD9863BCPZRL-50				
ADUC816	ADUC816BCPZ ADUC816BCPZ-REEL				
ADUC824	ADUC824BCPZ				
ADUC831	ADUC831BCPZ ADUC831BCPZ-REEL				
ADUC832	ADUC832BCPZ ADUC832BCPZ-REEL				
ADUC834	ADUC834BCPZ ADUC834BCPZ-REEL				
ADUC836	ADUC836BCPZ ADUC836BCPZ-REEL				
ADUC841	ADUC841BCPZ62-3 ADUC841BCPZ62-5 ADUC841BCPZ8-3 ADUC841BCPZ8-5				
ADUC842	ADUC842BCPZ32-3 ADUC842BCPZ32-5 ADUC842BCPZ62-3 ADUC842BCPZ62-5 ADUC842BCPZ8-3 ADUC842BCPZ8-5				
ADUC843	ADUC843BCP32Z-5 ADUC843BCP62Z-5 ADUC843BCP32-3 ADUC843BCP62-3 ADUC843BCPZ8-3 ADUC843BCPZ8-5				
ADUC845	ADUC845BCPZ62-3 ADUC845BCPZ62-5 ADUC845BCPZ8-3 ADUC845BCPZ8-5				
ADUC847	ADUC847BCPZ62-3 ADUC847BCPZ62-5 ADUC847BCPZ8-3 ADUC847BCPZ8-5				

ADUC848	ADUC848BCPZ62-3 ADUC848BCPZ62-5 ADUC848BCPZ8-3 ADUC848BCPZ8-5				
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